-1240-372-34 P

TM 9-1240-372-34P

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST (INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS)

FOR

BINOCULARS M3 (1240-670-2491), M7 (1240-620-2500), M13 (1240-207-2508), M13A1 (1240-530-0973), M15A1 (1240-530-0959), M16 (1240-670-2514) AND M17A1 (1240-530-0974)

HEADQUARTERS, DEPARTMENT OF THE ARMY

JULY 1972

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TECHNICAL MANUAL
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HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., *20 July 1972*

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST (INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS) FOR BINOCULARS M3 (1240-670-2491), M7 (1240-620-2500), M13 (1240-207-2508), M13A1 (1240-530-0973), M15A1 (1240-530-0959), M16 (1240-670-2514) AND M17A1 (1240-530-0974)

Current as of 28 June 1972

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Section I. INTRODUCTION

1. Scope

This manual lists repair parts, special tools, and support equipment required for the performance of direct support general support and depot maintenance of the binoculars, M3, M7, M13, M13A1, M15A1, M16, and M17A1.

2. General

This Repair Parts and Special Tools List is divided into the following sections:

a. Repair Parts List—Section II. A list of repair parts authorized at the direct support, general support, and depot levels for the performance of maintenance. This list also includes parts which must be removed for the replacement of the authorized parts. Parts lists are composed of functional groups in ascending numerical sequence, with parts in each group listed in figure and item number sequence.

b. Special Tools List—Section III. A list of special tools, test and support equipment authorized for the performance of maintenance at the direct support, general support and depot levels.

c. Federal Stock Number and Reference Number Index—Section IV. A list, in ascending numerical sequence, of all Federal stock numbers appearing in the listings followed by a list, in alphameric sequence, of all reference numbers appearing in the listings. Federal stock number and reference numbers are cross-referenced to each illustration figure and item number sequence.

3. Explanation of Columns

The following provides an explanation of columns found in the tabular listings.

a. Source, Maintenance, and Recoverability Codes (SMR).

(1) *Source Code.* Indicates the manner of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are:

Code	*Explanation*
PA	Item procured and stocked for anticipated or known usage.
PB	Item procured and stocked for insurance purposes because essentiality dictates that a minimum quantity be available in the supply systems.
PC	Item procured and stocked and which otherwise would be coded "PA" except that it is deteriorative in nature.
PD	Support item, excluding support equipment, procured for initial issue or outfitting and stocked only for subsequent or additional initial issues or outfitting. Not subject to automatic replenishment.
PE	Support equipment procured and stocked for initial issue or outfitting to specified maintenance repair activities.
PF	Support equipment which will not be stocked but which will be centrally procured on demand.
MO	Item to be manufactured or fabricated at Organizational level.
MF	Item to be manufactured or fabricated at Direct Support level.
MH	Item to be manufactured or fabricated at General Support.
MD	Item to be manufactured or fabricated at Depot Maintenance level.
AO	Item to be assembled at Organizational level.
AF	Item to be assembled at Direct Support.
AH	Item to be assembled at General Support.
AD	Item to be assembled at Depot Maintenance level.
XA	Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.
XB	Item is not intended for procurement and is not stocked. If not available thru salvage, requisition.
XC	Installation drawing, diagram, instruction sheet, field service drawing, that is identified by manufacturers part number.

(2) *Maintenance Codes.* Indicates the levels of maintenance authorized to USE and REPAIR support items.

(a) *Use code.* Indicates the lowest maintenance level authorized to remove, replace, and use the support item. Use codes are:

Code	*Explanation*
C	Used to denote crew or operator maintenance performed within Organizational maintenance.

Code	Explanation
O	Support item is removed, replaced, used at the Organizational level of maintenance.
F	Support item is removed, replaced, used at Direct Support.
H	Support item is removed, replaced, used at General Support.
D	Support item is removed, replaced used at Depot only.

(b) *Repair code.* Indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). Repair codes are:

Code	Explanation
O	The lowest maintenance level capable of complete repair of the support item is the Organizational level.
F	The lowest maintenance level capable of complete repair of the support item is Direct Support.
H	The lowest maintenance level capable of complete repair of the support item is General Support.
D	The lowest maintenance level capable of complete repair of the support item is the Depot level.
Z	Non-repairable.

(3) *Recoverability Codes.* Indicates the disposition action on unserviceable items. Recoverability codes are:

Code	Explanation
Z	Non-reparable item. When unserviceable, condemn and dispose at the level authorized to replace the item.
F	Repairable item. When uneconomically repairable, condemn and dispose at Direct Support level.
H	Repairable item. When uneconomically repairable, condemn and dispose at General Support level.
D	Repairable item. When beyond lower level repair capability, return to Depot. Condemnation and disposal not authorized below Depot level.
L	Reparable item. Repair, condemnation and disposal not authorized below depot/specialized repair activity level.
A	Item requires special handling or condemnation procedure because of specific reasons (i.e., precious metal content, high dollar value, critical material or hazardous material). Refer to appropriate manuals/directives for specific instructions.

b. Federal Stock Number. Indicates the Federal stock number assigned to the item and will be used for requisitioning purposes.

c. Description. Indicates the Federal item name and a minimum description required to identify the item. The last line indicates the reference number followed by the applicable Federal Supply Code for Manufacturer (FSCM) in parentheses. The FSCM is used as an element in item identification to designate manufacturer or distributor or Government Agency, etc., and is identified in SB 708–42.

d. Unit of Measure (U/M). Indicates the standard or basic quantity by which the listed item is used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation, e.g., ea, in, pr, etc., and is the basis used to indicate quantities and allowances in subsequent columns. When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy the required units of measure will be requisitioned.

e. Quantity Incorporated in Unit. Indicates the quantity of the item used in the breakout shown in the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly. A "V" appearing in this column in lieu of a quantity indicates that no specific quantity is applicable, e.g., shims, spacers, etc.

f. 30-Day DS/GS Maintenance Allowances.

(1) The repair parts indicated by asterisk (*) entries in separate allowance column(s) for DS and GS represents those parts authorized for use at that category of maintenance and will be requisitioned on an "as required" basis.

(2) Allowance quantities are indicated in the special tools list section for special tools, TMDE, and other support equipment.

g. 1-Year Allowances Per 100 Equipments/ Contingency Planning Purposes. No entries will appear in this column.

h. Depot Maintenance Allowances Per 100 Equipments. This column indicates that the items identified with an asterisk (*) are authorized to be requisitioned "as required."

i. Illustration. This column is divided as follows:

(1) *Figure Number.* Indicates the figure number of the illustration on which the item is shown.

(2) *Item Number.* Indicates the callout number used to reference the item on the illustration.

4. Special Information

a. Usable on codes are included in Column 3. Uncoded items are applicable to all models. Identification of the usable on codes used in this publication are:

Code	Explanation
A	M3
B	M13
C	M13A1
D	M13, M13A1
E	M3, M13, M13A1
F	M7
G	M7, M16
H	M7, M15A1, M16, M17A1
J	M15A1
K	M15A1, M17A1
L	M16
M	M17A1
N	M16, M17A1
Blank	M3, M13, M13A1, M15A1, M16, M7, M17A1

b. Action change codes indicated in the left-hand margin of the listing page denote the following:

N–Indicates an added item.
C–Indicates a change in data.
R–Indicates a change in FSN only.

c. To maintain disassembly sequence in this manual, a number in parentheses will be displayed immediately to the right of the callout number on the illustration.

5. How to Locate Repair Parts

a. When Federal stock number or reference number is unknown:

(1) *First.* Using the table of contents determine the functional or subfunctional group within which the repair part belongs, i.e., engine, engine assembly, transmission, transmission assembly. This is necessary since illustrations are prepared for functional and subfunctional groups, and listings are divided into the same groups.

(2) *Second.* Find the illustration covering the functional or subfunctional group to which the repair part belongs.

(3) *Third.* Identify the repair part on the illustration and note the illustration figure and item number on the repair part.

(4) *Fourth.* Using the Repair Parts Listing, find the functional or subfunctional group to which the repair part belongs and locate the illustration figure and item number noted on the illustration.

b. When Federal stock number or reference number is known:

(1) *First.* Using the index of Federal Stock Numbers and Reference Numbers find the pertinent Federal stock number or reference number. This index is in ascending FSN sequence followed by a list of reference numbers in ascending alphameric sequence, cross-referenced to the illustration figure number and item number.

(2) *Second.* Using the Repair Parts Listing find the functional or subfunctional group of the repair part and the illustration figure number and item number referenced in the Index of Federal Stock Numbers and Reference Numbers.

6. Abbreviations

Abbreviations	Explanation
al	aluminum
aly	alloy
apert	aperture
bfl	back focal length
blk	black
cd	cadmium
cncv	concave
cop	copper
cp	cone point
cres	corrosion resistant steel
ca	case
ctsk	countersunk head
dbl	double
dev	development
dia	diameter
dr	drive
ecc	eccentric
efl	effective focal length
enam	enamel
ext	external
ffilh	flat fillister head
filh	fillister head
flt	flashlight
fnsh	finish
fp	flat point
gl	glass
gnd	ground
hex soc	hexagon socket
hd	head
hgt	height
idx	index
intl	internal
l	long
lg	length
lt	light
mach	machine
nf	national fine
ni sil	nickel silver
nkl	nickel
no	number
ns	national special (thread)
oa	overall
od	outside diameter
oxd	oxide
pl	plate
pld	plated
pnh	pan head
por	porro
psm	prism
psvt	passivate
rbr	rubber

Abbreviations	*Explanation*
rec	recess
sc	scale
stl	steel
thd	thread
thk	thick
tng	training
unf	unified fine thread
uns	unified special thread
yd	yard
w	wide

7. Recommendations for Maintenance Publications Improvements

You can improve this manual by calling attention to errors and by recommending improvements, using DA Form 2028 (Recommended Changes to Publications) or by a letter, and mailing directly to Commanding Officer, Frankford Arsenal, ATTN: AMSWE-MAF-W3100, Philadelphia, Pennsylvania, 19137. A reply will be furnished directly to you.

Section II. REPAIR PARTS LIST

Act on code	(1) SMR CODE (a) Source	(b) Maint	(c) Recov	(2) Federal stock No.	(3) Description *Reference Number & Mfr Code* *Usable on Code*	(4) Unit of meas	(5) Qty inc in unit	(6) 30-day DS maint allowance (a) 1-20	(b) 21-60	(c) 61-200	(7) 30-day GS maint allowance (a) 1-20	(b) 21-60	(c) 61-100	(8) 1-Yr alw per 100 equip catgry	(9) Depot maint alw per 100 equip	(10) Illustration (a) Fig No.	(b) Item No.
					BINOCULARS M3 (6720491), M13 (6702568) AND M13A1 (6702569)												
C	PA-OZ-Z			1240-764-6236	STRAP ASSEMBLY, NECK 7643326 (19200)	EA	1	*	*	*	*	*	*		*	1	1

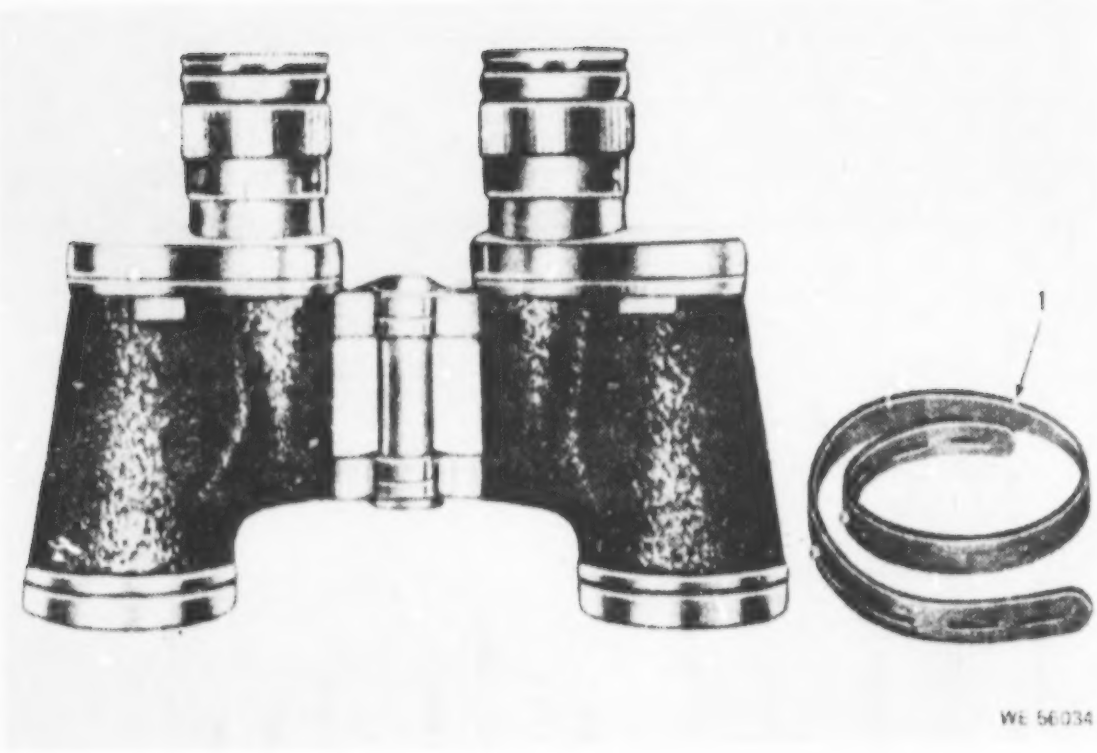

Figure 1. Binoculars M3, M13 and M13A1

Act on code	(1) SMR CODE (a) Source	(b) Maint	(c) Recov	(2) Federal stock No.	(3) Description / Reference Number & Mfr Code / Usable on Code	(4) Unit of meas	(5) Qty inc in unit	(6) 30-day DS maint allowance (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-day GS maint allowance (a) 1-20	(b) 21-50	(c) 51-100	(8) 1-Yr alw per 100 equip categy	(9) Depot maint alw per 100 equip	(10) Illustration (a) Fig No.	(b) Item No.
					BINOCULARS M3 (6720491)												
C	PA	FZ	Z	1240-758-6838	CAP, OBJECTIVE 7586838 (19200) A	EA	2	•	•	•	•	•	•		•	2	1
N	AH	HZ	Z		OBJECTIVE ASSEMBLY 7674286 (19200) A	EA	2									2	2
C	PA	OZ	Z	1240-764-0806	GUARD 7640806 (19200) A	EA	2	•	•	•	•	•	•		•	2	3
N	XB	HZ	Z		EYEPIECE, ASSEMBLY 7673625 (19200) A	EA	1									2	4
N	PA	HZ	Z		SCREW, MACHINE NI SIL, NO 4-48UNF-3A, 0.194 L 5044192 (00000) A	EA	4				•	•	•		•	2	5
N	XB	HZ	Z		COVER, RIGHT 7638084 (19200) A	EA	1									2	6
C	PA	HZ	Z	5305-207-8848	SCREW, MACHINE FLT, FILH, SLTD NO 4-48NF-3A, 0.370 L 5185480 (00000) A	EA	6				•	•	•		•	2	7
N	PA	HZ	Z	240-557-9390	SHELF ASSEMBLY, PRISM 5579390 (19200) A	EA	1				•	•	•		•	2	8
N	XB	HZ	Z		EYEPIECE, ASSEMBLY 7673624 (19200) A	EA	1									2	9
N	XB	HZ	Z		COVER, LEFT 6174600 (19200) A	EA	1									2	11
N	AH	HZ	Z		RETICLE, ASSEMBLY 7199590 (19200) A	EA	1									2	12
N	PA	HZ	Z	1240-767-4879	SHELF, ASSEMBLY 7674879 (19200) A	EA	1				•	•	•		•	2	14
N	XB	DZ	Z		BODY ASSEMBLY 5579385 (00000) A	EA	1									2	15

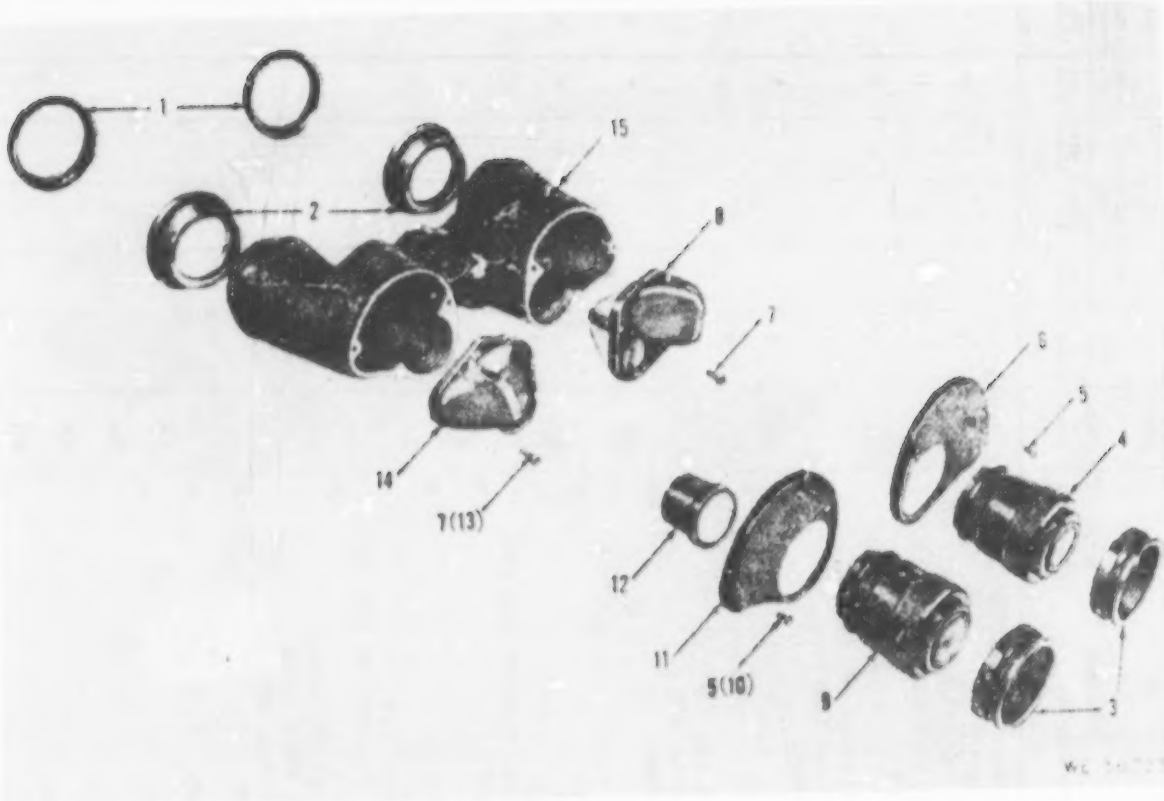

Figure 2. Binoculars M3

Act on code	(1) SMR CODE (a) Source	(b) Maint	(c) Recov	(2) Federal stock No.	(3) Description / Reference Number & Mfr Code / Usable on Code	(4) Unit of meas	(5) Qty inc in unit	(6) 30-day DS maint allowance (a) 1–20	(b) 21–50	(c) 51–100	(7) 30-day GS maint allowance (a) 1–20	(b) 21–50	(c) 51–100	(8) 1-Yr alw per 100 equip entry	(9) Depot maint alw per 100 equip	(10) Illustration (a) Fig No.	(b) Item No.
					AXLE (5185454) W/RELATED PARTS												
C	PA	HZ	Z	5305-207-8845	SCREW, MACHINE OVAL CSKH, CROSS REC, DR, NKL, HD ENAM FNSH, NO 4 48NF-3A, 0.256 L 5044193 (19200) E	EA	1				•	•	•		•	3	1
N	PA	HZ	Z	5305-727-2284	SCREW HEX SOC, FP, CRES, PSVT FNSH, NO. 0-80 UNF-2A, 1/16 L MS51031-1 (96906) E	EA	1				•	•	•		•	3	2
N	PA	HZ	Z		SCALE 5185455 (19200) E	EA	1				•	•	•		•	3	3
N	PA	HZ	Z	5305-081-2651	SETSCREW HEX SOC, CP, CRES, PSVT FNSH NO. 2-64 UNF-3A, 3/32 L MS51038-15 (96906) E	EA	2				•	•	•		•	3	4
	PA	HZ	Z		SCREW HINGE PIN, AL ALY 1/4-36UNS-3A 5182043 (19200) E	EA	1				•	•	•		•	3	5
N	PA	HZ	Z	5340-518-3734	SHIM, SOLID NKL, SIL PLD 0.421 APERT DIA, 0.750 OD, 0.005 THK 5183734 (19200) E	EA	2				•	•	•		•	3	6
C	PA	HZ	Z	1240-695-0154	SCREW 5182042 (19200) E	EA	1				•	•	•		•	3	8
N	PA	HZ	Z	5340-527-4503	SHIM, SOLID COP, NKL, ZINC ALY 0.359 APERT DIA, 0.750 OD, 0.005 THK 5185456 (19200) E	EA	2				•	•	•		•	3	9
N	PA	DZ	Z	5315-518-3732	PIN, STRAIGHT HEADLESS CRES, MACH BODY FNSH 0.0780-0.0785 DIA, 0.1120 A L 5183732 (19200) E	EA	1								•	3	10
N	PA	DZ	Z	1240-518-5454	AXLE 5185454 (19200) E	EA	1								•	3	11
N	XB	DZ	Z		BODY 5579391 (19200) A	EA	1									3	12
N	XB	DZ	Z		BODY 5631257 (19200) D	EA	1									3	13
N	XB	DZ	Z		BODY 5579392 (19200) A	EA	1									3	14
N	XB	DZ	Z		BODY 5631256 (19200) D	EA	1									3	15

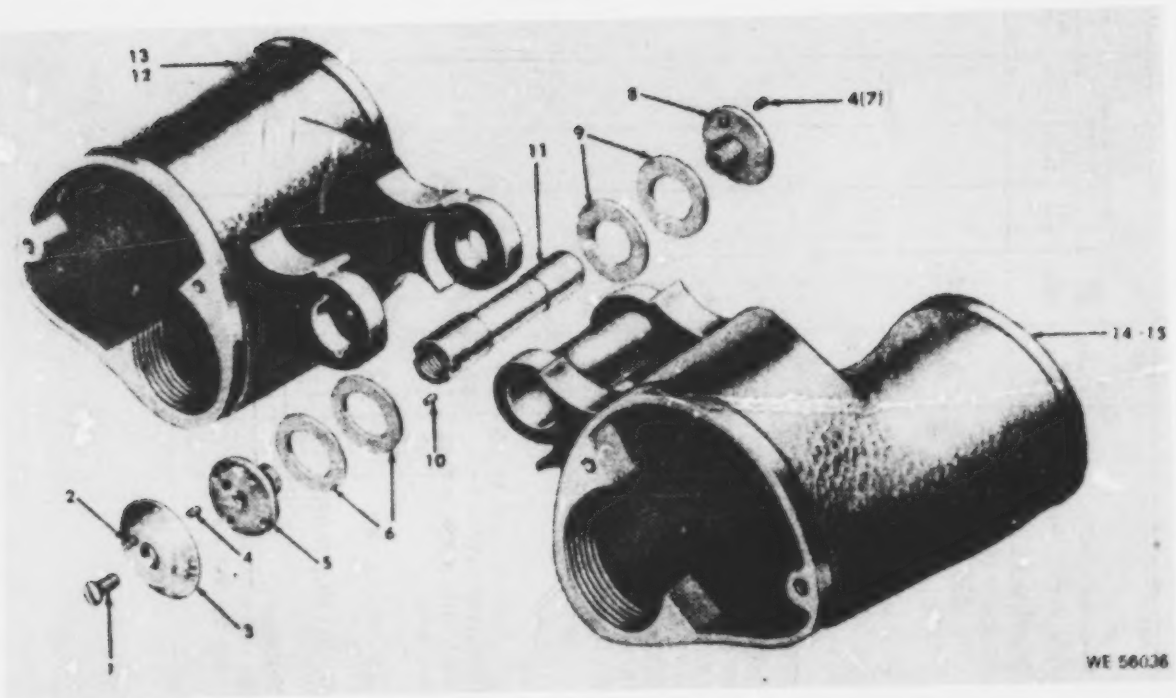

Figure 3. Axle w/related parts

Action code	(1) SMR CODE (a) Source	(b) Maint	(c) Recov	(2) Federal stock No.	(3) Description *Reference Number & Mfr Code* *Usable on Code*	(4) Unit of meas	(5) Qty fnc in unit	(6) 30-day DS maint allowance (a) 1–20	(b) 21–40	(c) 51–100	(7) 30-day GS maint allowance (a) 1–20	(b) 21–40	(c) 51–100	(8) 1-Yr alw per 100 equip categy	(9) Depot maint alw per 100 equip	(10) Illustration (a) Fig No.	(b) Item No.
					OBJECTIVE ASSEMBLY (7674286)												
N	PA-HZ-Z			5365-758-6840	RING 7556840 (19200) E	EA	2				•	•	•		•	4	1
N	PA-HZ-Z			5310-530-9441	WASHER, KEY AL, 2 EXT KEYS 1.250 ID, 1.750 OD OA, .016 THK 7586841 (19200) E	EA	2				•	•	•		•	4	2
	PA-HZ-Z				GASKET 7586842 (19200) E	EA	2				•	•	•		•	4	3
N	PA-HZ-Z			1240-518-5466	CELL, OPTICAL ELEMENT AL BLK OXD FNSH, SLTD FACE DR 0.200 H, 1.480 DIA, 0.020 ECC 5185466 (19200) E	EA	2				•	•	•		•	4	4
N	PA-HZ-Z			1240-764-1795	CELL, OPTICAL ELEMENT AL ANDZ, 1.430 DIA, 0.497 OA H, 1.340-48NS-3B 0.200 L, 0.020 ECC, SLTD FACE DR 7641795 (19200) E	EA	2				•	•	•		•	4	5
	PA-HZ-Z				GASKET 7586843 (19200) E	EA	2				•	•	•		•	4	6
C	PA-HZ-Z			1240-518-5193	LENS, OPTICAL INSTRUMENT GL, DBL CNCV, 1.259 DIA, 0.338 AXIAL THK 5.191 EFL, 5.012 BFL 5185193 (19200) E	EA	2				•	•	•		•	4	7
C	PA-HZ-Z				RING, EXTERNALLY THREADED AL ANDZ 1.340-48 NS-3A THD, 1.181 ID, .078 OA L 5185465 (19200) E	EA	2				•	•	•		•	4	8
N	PA-HZ-Z			1240-531-9083	CELL, OPTICAL ELEMENT AL, ANDZ, 0.185 DIA OA, 0.700 H OA 1 5/8-20 UNS-2B, 1.850-20 UNS-2A 5319083 (19200) E	EA	2				•	•	•		•	4	9

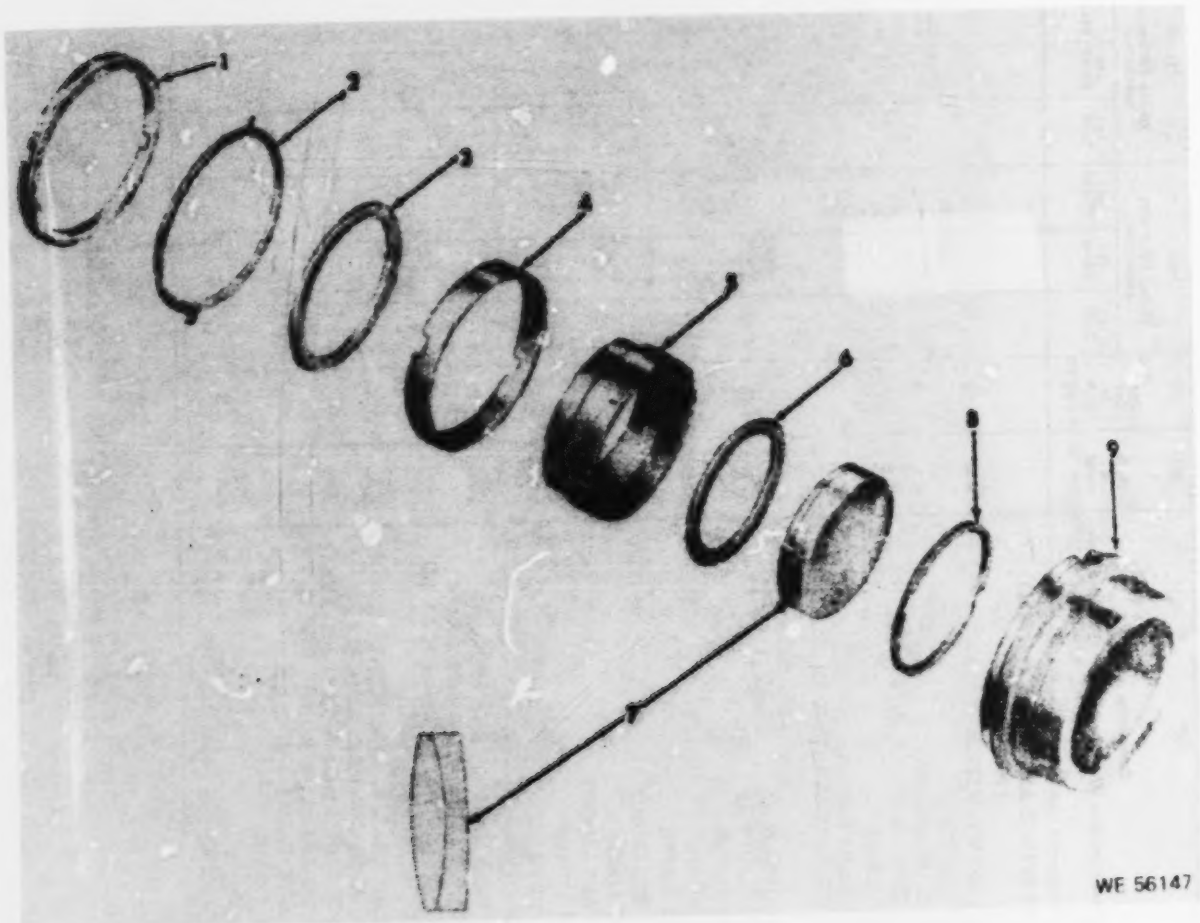

Figure 4. Objective assembly

Act on code	(1) SMR CODE (a) Source	(b) Maint	(c) Recov	(2) Federal stock No.	(3) Description *Reference Number & Mfr Code* *Usable on Code*	(4) Unit of meas	(5) Qty inc in unit	(6) 30-day DS maint allowance (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-day GS maint allowance (a) 1-20	(b) 21-50	(c) 51-100	(8) 1-Yr alw per 100 equip entgcy	(9) Depot maint alw per 100 equip	(10) Illustration (a) Fig No.	(b) Item No.
					EYEPIECE ASSEMBLY (7673624) (7673625)												
N	XB	HZ	Z		ADAPTER, EYEPIECE 6174603 (19200) A	EA	2									5	1
C	PA	HZ	Z	5305-638-1786	SCREW, HEADLESS CRES, NO 1 72-NF-3A, 3/16 L 5185461 (19200) A	EA	2				*	*	*		*	5	2
N	PA	HZ	Z	5365-291-3578	RING CLAMPING THD SIZE 1.033-36 UNS-3, ID .751, OA .145L 5185460 (00000) A	EA	2				*	*	*		*	5	3
N	XB	HZ	Z		SCALE, DIOPTER 6269643 (19200) A	EA	2									5	4
	PA	HZ	Z		RING, STOP 5185462 (19200) A	EA	2				*	*	*		*	5	5
N	XB	HZ	Z		CELL, ASSEMBLY 7641787 (19200) A	EA	2									5	6
	PA	HZ	Z		RING, RETAINING 5185458 (19200) A	EA	1				*	*	*		*	5	7
	PA	HZ	Z		RING, RETAINING 5185463 (19200) A	EA	1				*	*	*		*	5	8
N	PA	HZ	Z	1240-518-5192	LENS, OPTICAL INSTRUMENT GLASS 0.072 EDGE THK, 0.205 AXIAL THK, 0.906 DIA. 1.623 EQUIV. FOCAL LG. 5185192 (19200) A	EA	2				*	*	*		*	5	9
N	PA	HZ	Z	1240-518-5191	LENS, OPTICAL, INSTRUMENT GLASS DBLE CONVEX, AND PLANO CONVEX 0.291 EDGE THK, 0.409 AXIAL THK, 0.689 DIA, 1.160 EQUIV. FOCAL LG. 0.905 BACK FOCAL LG. 5185191 (19200) A	EA	2				*	*	*		*	5	10
N	XB	HZ	Z		SEPARATOR 5185459 (19200) A	EA	2									5	11

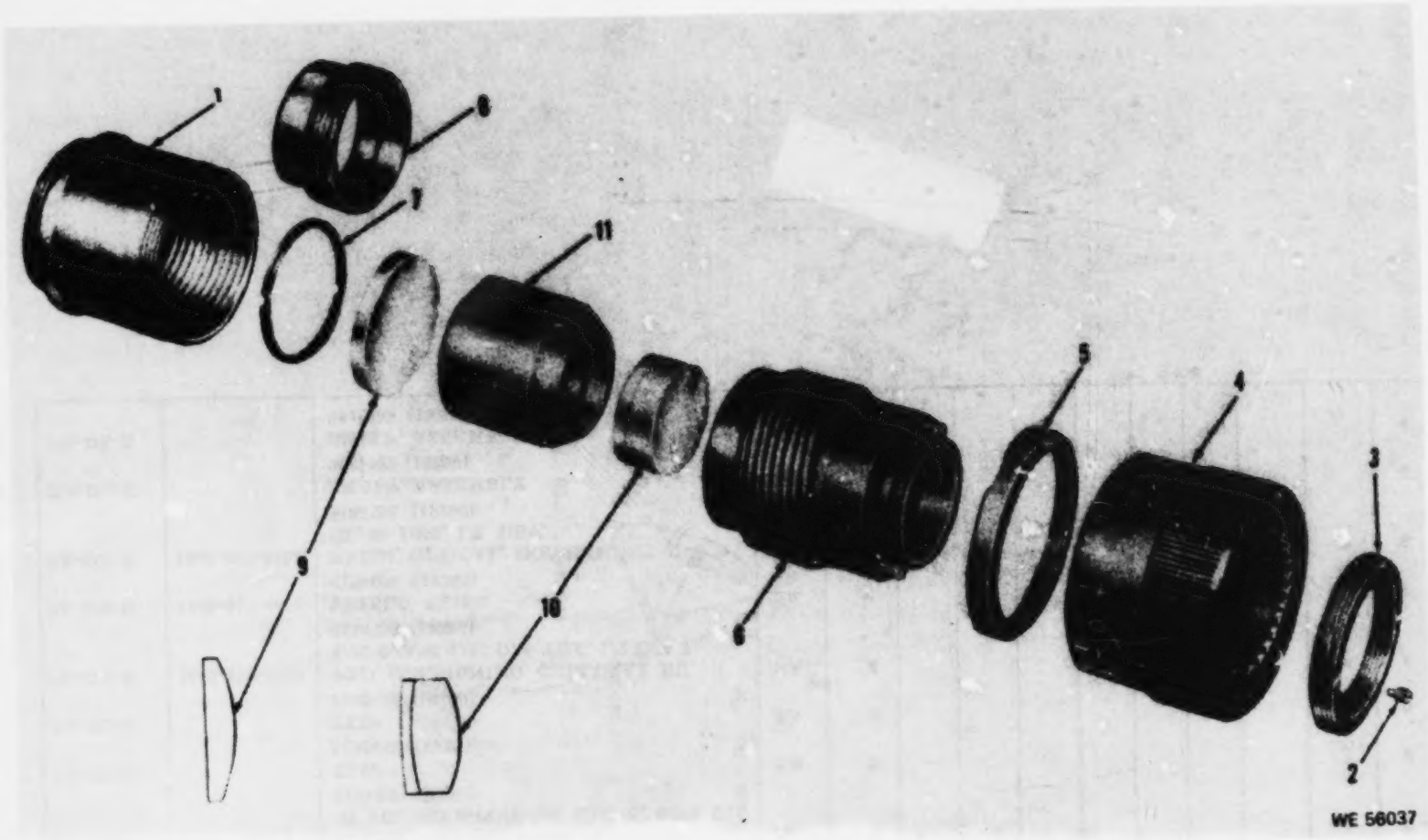

Figure 5. Eyepiece assemblies

Act on code	(1) SMR CODE (a) Source	(b) Maint	(c) Recov	(2) Federal stock No.	(3) Description *Reference Number & Mfr Code* *Usable on Code*	(4) Unit of meas	(5) Qty fwd in unit	(6) 30-day DS maint allowance (a) 1–20	(b) 21–50	(c) 51–100	(7) 30-day GS maint allowance (a) 1–20	(b) 21–50	(c) 51–100	(8) 1-Yr alw per 100 equip categry	(9) Depot maint alw per 100 equip	(10) Illustration (a) Fig No.	(b) Item No.
					SHELF ASSEMBLY (5579290) (7674879)												
C	PA	DZ	Z		SCREW, EXTERNALLY NI SIL, NO 4-48NF-3A, 0.125 L, 0.084 DIA 5185469 (19200) E	EA	8								•	6	1
	PA	DZ	Z		CLIP 5185468 (19200) E	EA	2								•	6	2
	PA	DZ	Z		CLIP 5185474 (19200) E	EA	2								•	6	3
C	PA	DZ	Z	1240-518-3736	PAD, CUSHIONING, CELLULAR RU, 3/32 O/AW, 1/32 O/A THK, 1/2 O/A L 5183736 (19200) E	EA	4								•	6	4
C	PA	DZ	Z	1240-617-4608	SHIELD, PRISM 6174608 (19200) E	EA	4								•	6	5
C	PA	DZ	Z	1240-518-5194	PRISM, OPTICAL, INSTRUMENT GL, 90 DEG, LT, DEV. 5185194 (19200) E	EA	4								•	6	6
N	XB	DZ	Z		SHELF, ASSEMBLY 7647139 (19200) E	EA	1									6	7
N	XB	DZ	Z		SHELF, ASSEMBLY 7641838 (19200) E	EA	1									6	8

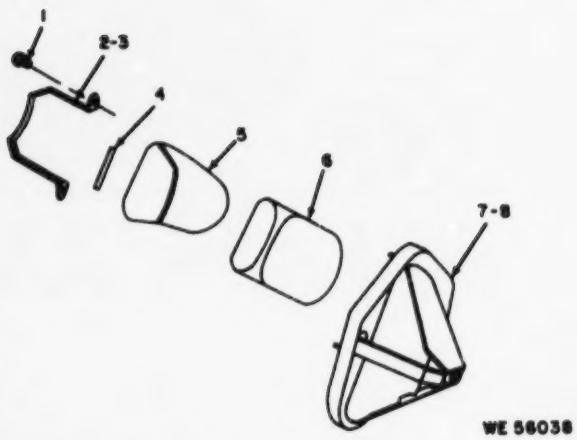

Figure 6. Shelf assemblies

Act on code	(1) SMR CODE (a) Source	(b) Maint	(c) Recov	(2) Federal stock No.	(3) Description *Reference Number & Mfr Code* *Usable on Code*	(4) Unit of meas	(5) Qty inc in unit	(6) 30-day DS maint allowance (a) 1–20	(b) 21–60	(c) 61–100	(7) 30-day GS maint allowance (a) 1–20	(b) 21–60	(c) 61–100	(8) 1-Yr alw per 100 equip categry	(9) Depot maint alw per 100 equip	(10) Illustration (a) Fig No.	(b) Item No.
					BINOCULARS M13 (6702491) M13A1 (6702509)												
N	PA	OZ	Z	1240-764-0806	GUARD, EYE 7640806 (19200) D	EA	2	•	•	•	•	•	•		•	7	1
N	PA	HZ	Z	5305-757-8741	SCREW, MACHINE SLOT DR, CRES, NO 4-48NF-3A, 0.270 L 7578741 (19200) D	EA	10				•	•	•		•	7	2
N	XB	HZ	Z		EYEPIECE, ASSEMBLY 7673632 (19200) D	EA	1									7	4
N	XB	HZ	Z		EYEPIECE, ASSEMBLY 7673631 (19200) B	EA	1									7	5
N	XB	HZ	Z		EYEPIECE, ASSEMBLY 7674992 (19200) C	EA	1									7	6
	PA	HZ	Z	5330-626-9516	GASKET RBR, 0.035 THK, 5 HOLES 0.110 DIA 6269516 (19200) D	EA	2				•	•	•		•	7	7
N	AH	HZ	Z		RETICLE, ASSEMBLY 7199590 (19200) D	EA	1									7	9
C	PA	HZ	Z	5305-207-8848	SCREW, MACHINE NKL, FFILH, SLOT DR NO 4-48NF-3A, 0.370 L 5185480 (00000) D	EA	6				•	•	•		•	7	10
N	PA	HH	H	1240-557-9390	SHELF ASSEMBLY, PRISM 5579390 (19200) D	EA	1				•	•	•		•	7	12
N	PA	HH	H	1240-767-4879	SHELF ASSEMBLY, PRISM 7674879 (19200) D	EA	1				•	•	•		•	7	13
N	PA	FZ	Z	1240-758-6838	CAP, OBJECTIVE 7586838 (19200) D	EA	2	•	•	•	•	•	•		•	7	14
N	AH	HZ	Z		OBJECTIVE, ASSEMBLY 7674286 (19200) D	EA	2									7	15
N	XB	DZ	Z		BODY, BINOCULAR ASSEMBLY 5631255 (19200) D	EA	1									7	16

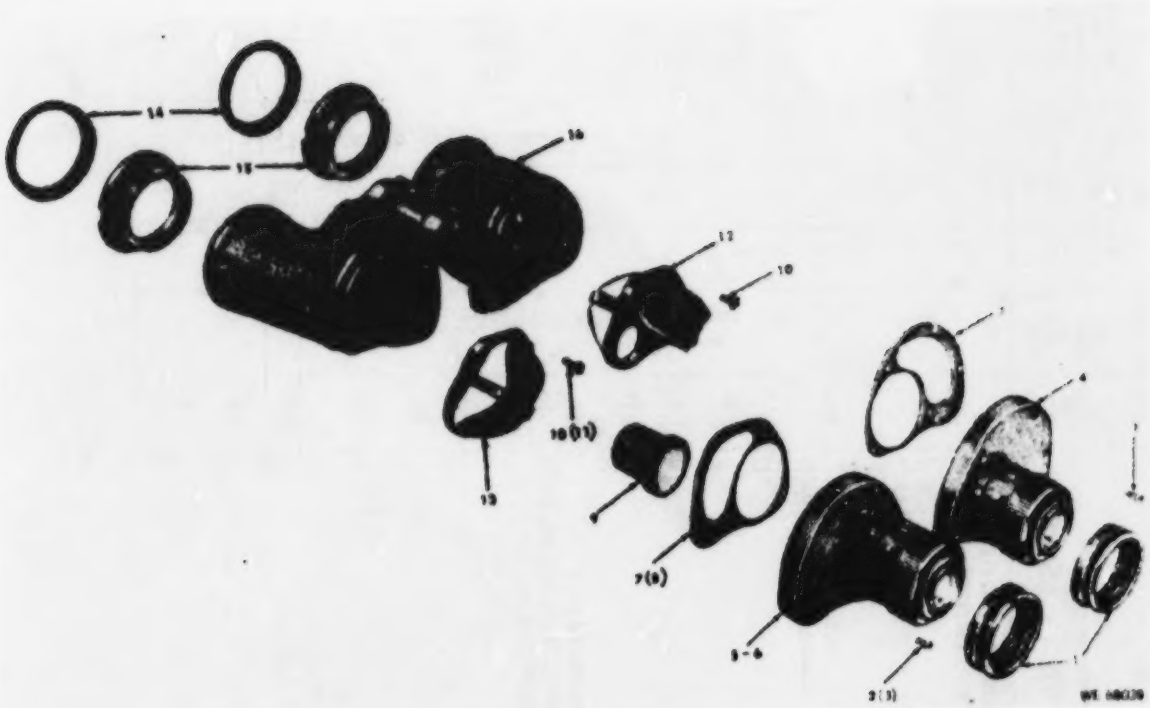

Figure 7. Binoculars M13 and M13A1

Act on code	(1) SMR CODE (a) Source	(b) Maint	(c) Recov	(2) Federal stock No.	(3) Description / Reference Number & Mfr Code / Usable on Code	(4) Unit of meas	(5) Qty inc in unit	(6) 30-day DS maint allowance (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-day GS maint allowance (a) 1-20	(b) 21-50	(c) 51-100	(8) 1-Yr alw per 100 equip catgcy	(9) Depot maint alw per 100 equip	(10) Illustration (a) Fig No.	(b) Item No.
					COVER ASSEMBLY (7674135) (7674134) AND (7674993)												
C	PA	HZ	Z	5305-638-1786	SETSCREW NI, SIL, ALY, NO 1-72NF-3A, 3/64 L, 0.47 DIA 5185461 (19200) D	EA	2				•	•	•		•	8	1
N	PA	HZ	Z	5365-291-3578	RING, EXTERNALLY, THREADED NO 1.033-36UNS-3, 0.751 ID, 0.145 L, 0.076 DIA 5185460 (00000) D	EA	2				•	•	•		•	8	2
N	XB	HZ	Z		SCALE, DIOPTER 6269643 (19200) D	EA	2									8	3
	PA	HZ	Z		RING 5185463 (19200) D	EA	1				•	•	•		•	8	4
	PA	HZ	Z		RING RETAINING 5185458 (19200) D	EA	1				•	•	•		•	8	5
N	PA	HZ	Z	1240-518-5192	LENS, OPTICAL INSTRUMENT GLASS 0.072 EDGE THK, 0.205 AXIAL THK, 0.906 DIA. 1.623 EQUIV. FOCAL LG 5185192 (19200) D	EA	2				•	•	•		•	8	6
N	XB	HZ	Z		SEPARATOR 5185459 (19200) D	EA	2									8	7
N	PA	HZ	Z	1240-518-5191	EYE LENS 5185191 (19200) D	EA	2								•	8	8
C	PA	HZ	Z		RING, STOP AL, 1.174 ID, 1.227 OD 5185462 (19200) D	EA	2				•	•	•		•	8	9
N	XB	HZ	Z		COVER ASSEMBLY 7674135 (19200) D	EA	1									8	10
N	XB	HZ	Z		COVER ASSEMBLY 7674134 (19200) B	EA	1									8	11
N	XB	HZ	Z		COVER ASSEMBLY 7674993 (19200) C	EA	1									8	12

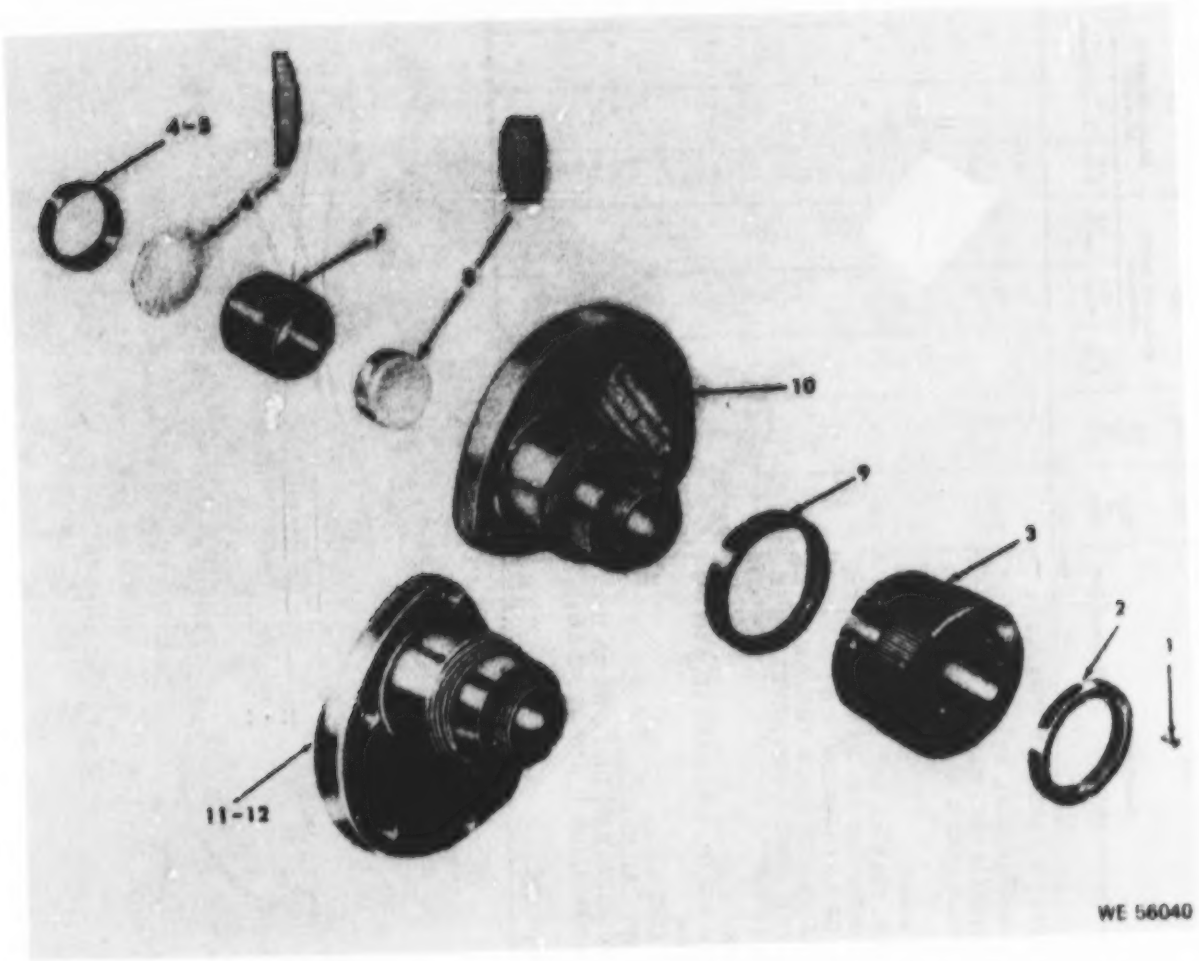

Figure 8. Cover assemblies

Action code	(1) EMR CODE (a) Source	(b) Maint	(c) Recov	(2) Federal stock No.	(3) Description — Reference Number & M/r Code — Usable on Code	(4) Unit of meas	(5) Qty inc in unit	(6) 30-day DS maint allowance (a) 1-20	(b) 21-60	(c) 61-100	(7) 30-day GS maint allowance (a) 1-20	(b) 21-60	(c) 61-100	(8) 1-Yr alw per 100 equip entery	(9) Depot maint alw per 100 equip	(10) Illustration (a) Fig No.	(b) Item No.
					RETICLE ASSEMBLY (7199596)												
C	PA-HZ-Z			1240-574-6417	RETAINER, OPTICAL ELEMENT AL ANODIZED, 0.897-32NS-3A, 0.172 OA L 0.785 HOLE DIA., 2 SLOTS 0.031W, 0.031 DEEP 5185475 (19200) E	EA	1				•	•	•		•	9	1
N	PA-HZ-Z			1240-617-3980	RETICLE, OPTICAL INSTRUMENT GLASS, 0 TO 2000 YD. RANGE SC., 1.523 INDEX OF REFRACTION, 46.0 DISPERSION 0.039 EDGE THK. 0.080 AXIAL THK. 0.829DIA 0.022 BEVEL DEPTH 6173980 (19200) E	EA	1				•	•	•		•	9	2
N	PA-HZ-Z			1240-520-4750	SPACER AL., 0.745 HD. ID., 0.762 BASE ID, 0.843 OD 0.168 THK 5204750 (19200) E	EA	1				•	•	•		•	9	3
N	PA-HZ-Z			1240-531-9082	CELL OPTICAL ELEMENT AL. ANODIZED, 0.897 DIA, 0.893 OA H, 0.807-48 NX-3A, .140 L, 0.897-72 NS-3A 0.121 L 5319082 (19200) E	EA	1				•	•	•		•	9	4

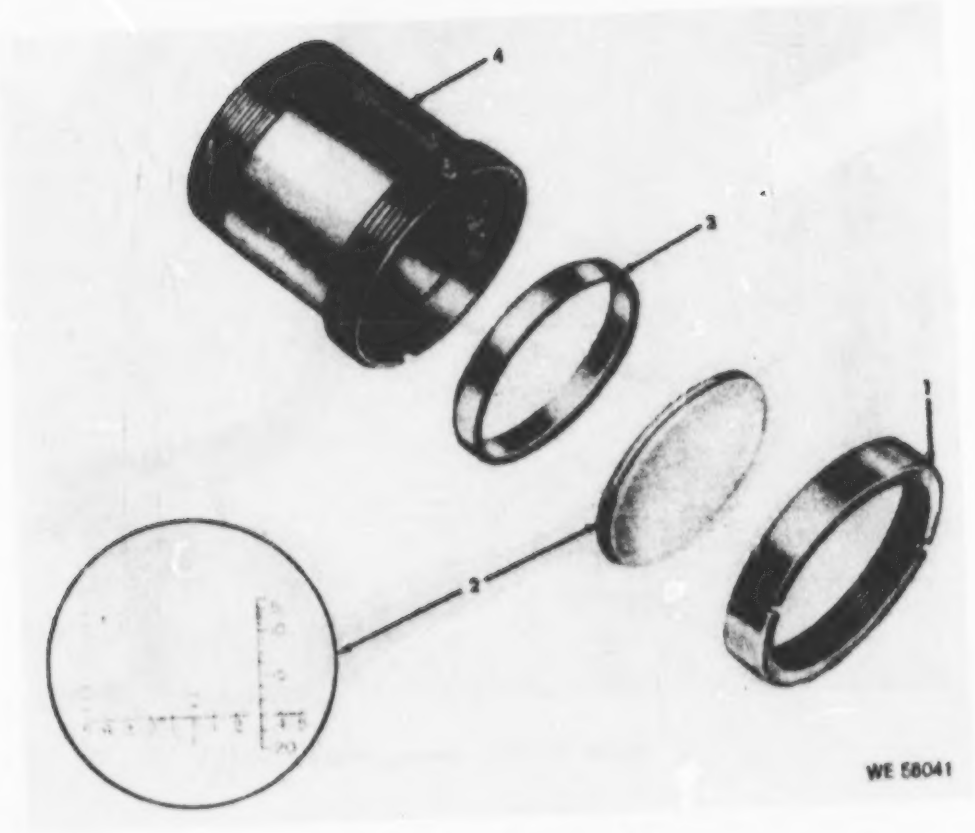

Figure 9. Reticle assembly

Figure 10. Case carrying M62A1

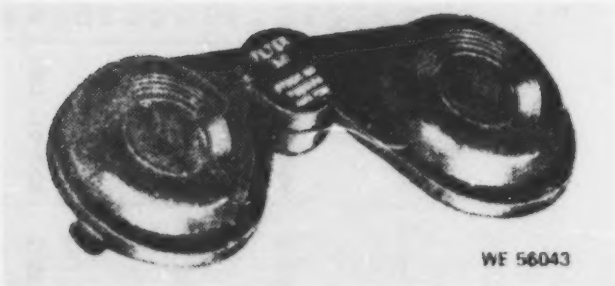

Figure 11. Filter

Act on code	(1) SMR CODE (a) Source	(b) Maint	(c) Recov	(2) Federal stock No.	(3) Description *Reference Number & Mfr Code* *Usable on Code*	(4) Unit of meas	(5) Qty inc in unit	(6) 30-day DS maint allowance (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-day GS maint allowance (a) 1-20	(b) 21-50	(c) 51-100	(8) 1-Yr alw per 100 equip categy	(9) Depot maint alw per 100 equip	(10) Illustration (a) Fig No.	(b) Item No
					BINOCULARS M7 (6702500) AND M16 (6702514)												
N	PA	FZ	Z	1240-531-8120	CAP 5318120 (19200) G	EA	2	•	•	•	•	•	•		•	12	1
N	AH	HZ	Z		OBJECTIVE, ASSEMBLY 8213651 (19200) G	EA	2									12	2
N	PA	OZ	Z	1240-764-0802	GUARD 7640802 (19200) G	EA	2	•	•	•	•	•	•		•	12	3
N	XB	HZ	Z		EYEPIECE, ASSEMBLY 7673628 (19200) G	EA	2									12	4
C	PA	HZ	Z		SCREW, MACHINE NKL SIL, OVAL CSKH, SLOT DR NO 4-48NF-3A, 0.194 L 5044192 (19200) G	EA	6								•	12	5
N	XB	HZ	Z		COVER 6177066 (19200) G	EA	1									12	6
C	PA	HZ	Z	5305-637-8220	SCREW, MACHINE NKL, FFILH, SLOT DR NO .5-44NF-3A, 0.375 L 5183735 (19200) G	EA	6				•	•	•		•	12	7
N	PA	HZ	Z	1240-558-0620	SHELF ASSEMBLY 5580620 (19200) G	EA	1				•	•	•		•	12	8
N	XB	HZ	Z		EYEPIECE, ASSEMBLY 7673634 (19200) L	EA	1									12	10
N	XB	HZ	Z		COVER 6177065 (19200) F	EA	1									12	11
N	XB	HZ	Z		COVER 7636817 (19200) L	EA	1									12	12
N	AH	HZ	Z		RETICLE, ASSEMBLY 7636819 (19200) L	EA	1									12	13
N	PA	HZ	Z	1240-558-0619	SHELF, ASSEMBLY 5580619 (19200) F	EA	1				•	•	•		•	12	14
N	PA	HZ	Z	1240-767-0787	SHELF, ASSEMBLY 7670787 (19200) L	EA	1				•	•	•		•	12	15
N	XB	DZ	Z		BODY, ASSEMBLY 5580616 (19200) G	EA	1									12	16

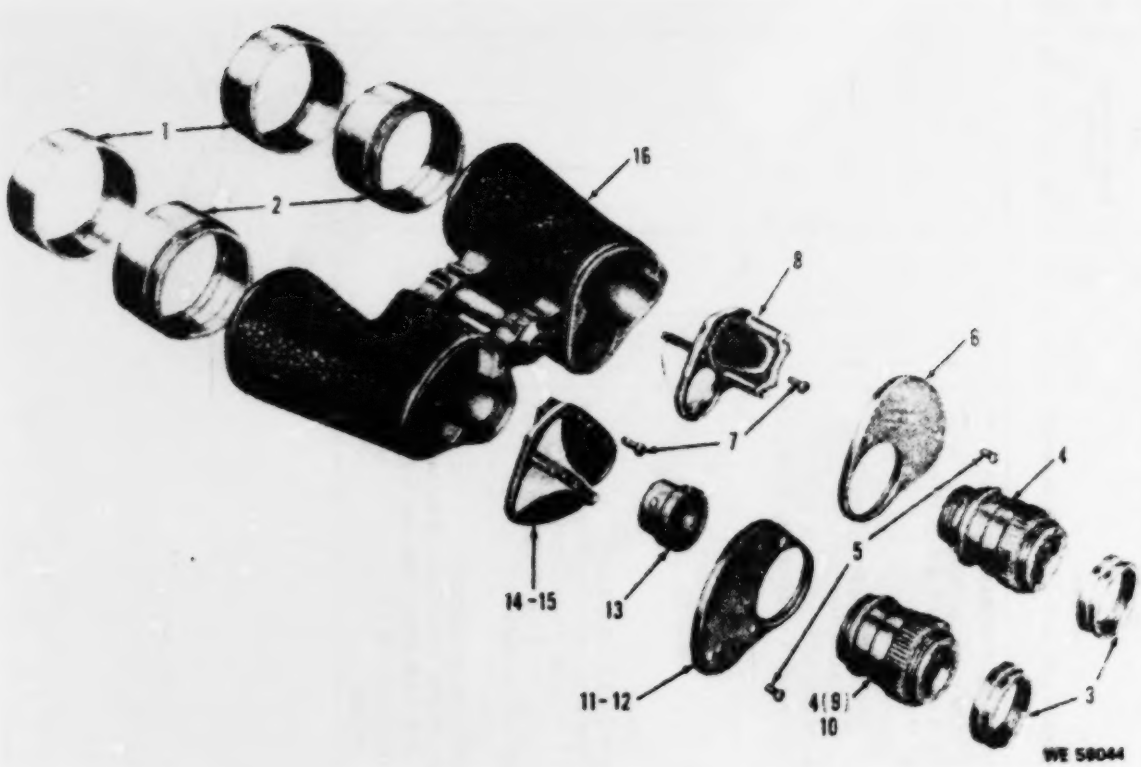

Figure 18. Binoculars M7, M16

Act on code	(1) SMR CODE (a) Source	(b) Maint	(c) Recov	(2) Federal stock No.	(3) Description *Reference Number & Mfr Code* *Usable on Code*	(4) Unit of meas	(5) Qty fac in unit	(6) 30-day DS maint allowance (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-day GS maint allowance (a) 1-20	(b) 21-50	(c) 51-100	(8) 1-Yr alw per 100 equip catgry	(9) Depot maint alw per 100 equip	(10) Illustration (a) Fig No.	(b) Item No.
					RETICLES (7636819), (7636815)												
C	PA-HZ-Z			1240-318-4399	CELL, OPTICAL ELEMENT AL, ANDZ, 1.120 OA DIA, 0.220 OA H 1.080-48NS-3B 7578185 (19200) N	EA	1				•	•	•		•	13	1
N	PA-HZ-Z			1240-763-6816	RETICLE, OPTICAL INSTRUMENT GL, 1.5838 IDX OF REFRACTION 46.0 ANGSTROM DISPERSION, 0.625 EDGE THK 0.120 AXIAL THK, 1.022 DIA BEVELED 7636816 (19200) N	EA	1				•	•	•		•	13	2
N	PA-HZ-Z			5340-757-8186	SPACER, RING AL, ANODIZED, 0.965 ID, 1.022 OD 0.23 THK 7578186 (00000) N	EA	1				•	•	•		•	13	3
N	PA-HZ-Z				CELL, RECTICLE ELEMENT AL, ANODIZED, 1.080 DIA, 0.724 OA HGT, 1-48NS-3A X 0.100 L ONE END 1-080-48NS-3A X 0.160 L OTHER END, DRILLED HOLE DRIVE 7278201 (19200) L	EA	1				•	•	•		•	13	4
N	PA-HZ-Z			1240-757-8184	CELL, OPTICAL ELEMENT AL, ANODIZED, 1.080 DIA, 0.593 OA H, 1-48NS-3A X ONE END, 1.080-48NS-3A X 0.160 L, OTHER END 7578184 (19200) M	EA	1				•	•	•		•	13	5

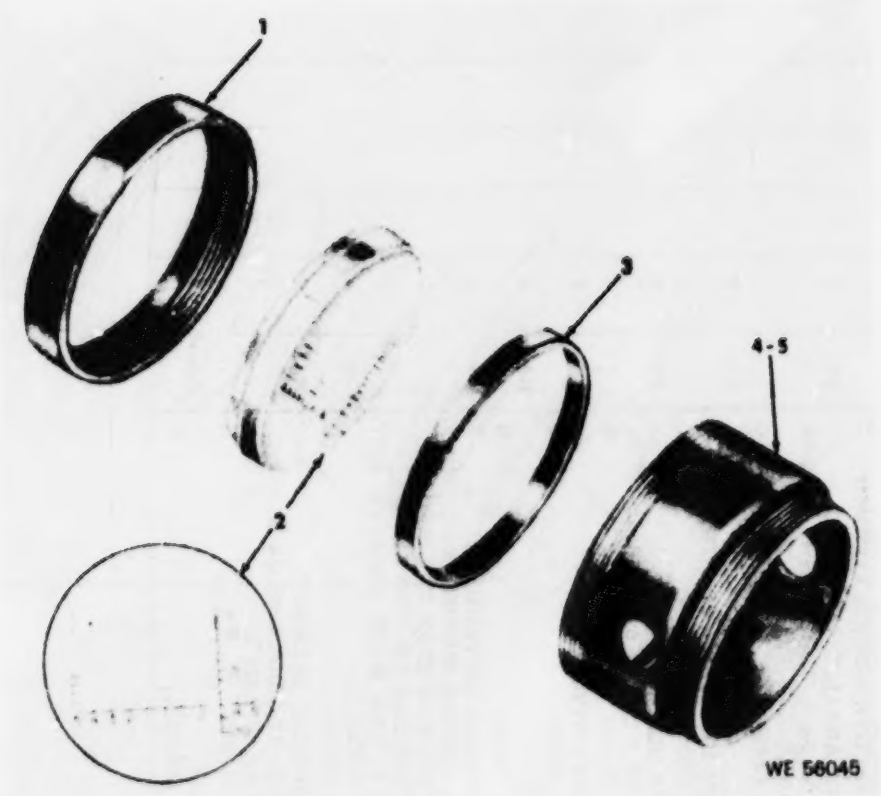

Figure 13. Reticle assemblies

Act on code	(1) SMR CODE (a) Source	(b) Maint	(c) Recov	(2) Federal stock No.	(3) Description *Reference Number & Mfr Code* *Usable on Code*	(4) Unit of meas	(5) Qty inc in unit	(6) 30-day DS maint allowance (a) 1–20	(b) 21–50	(c) 51–100	(7) 30-day GS maint allowance (a) 1–20	(b) 21–50	(c) 51–100	(8) 1-Yr alw per 100 equip catgry	(9) Depot maint alw per 100 equip	(10) Illustration (a) Fig No.	(b) Item No.
					OBJECTIVE ASSEMBLY (8213651)												
C	PA	HZ	Z	5365–664–0094	RING EXTERNALLY THREADED 2.063 ID, OA/L 0.085, 2.475–48 UNS–3A SLTD 0.062 5318014 (00000) G	EA	2				•	•	•		•	14	1
N	PA	HZ	Z	1240–532–0685	SHIELD STL, 0.207 ID, 2.437 OD, 0.030 THK 5320685 (19200) G	EA	2				•	•	•		•	14	2
C	PA	HZ	Z	5330–290–7836	WASHER NON METALLIC 2 15/32 OD, 2 1/16 ID. 0.035 THK 5318015 (21450) G	EA	2				•	•	•		•	14	3
N	PA	HZ	Z	1240–565–1003	RING ADJUSTING 6181431 (19200) G	EA	2				•	•	•		•	14	4
N	PA	HZ	Z	5365–291–3554	RING 5204263 (19200) G	EA	2				•	•	•		•	14	5
N	PA	HZ	Z	1240–520–4255	LENS OPTICAL INSTRUMENT GL DBL CONVEX, MENISCUS DIVERGING 0.406 EDGE THK, 0.571 AXIAL THK 2.048 DIA 7.598 EQUIV FOCAL L, 7.348 BACK FOCAL L 6.777 FRONT FOCAL L 5204255 (19200) G	EA	2				•	•	•		•	14	6
N	PA	HZ	Z	1240–617–7053	CELL, OPTICAL ELEMENT AL, ENAM. 2.299 DIA, 0.098 OA H 2.145–36 NS–3B, 0.419 L 6177053 (19200) G	EA	2				•	•	•		•	14	7
	PA	HZ	Z		ADAPTER 8213652 (19200) G	EA	1				•	•	•		•	14	8

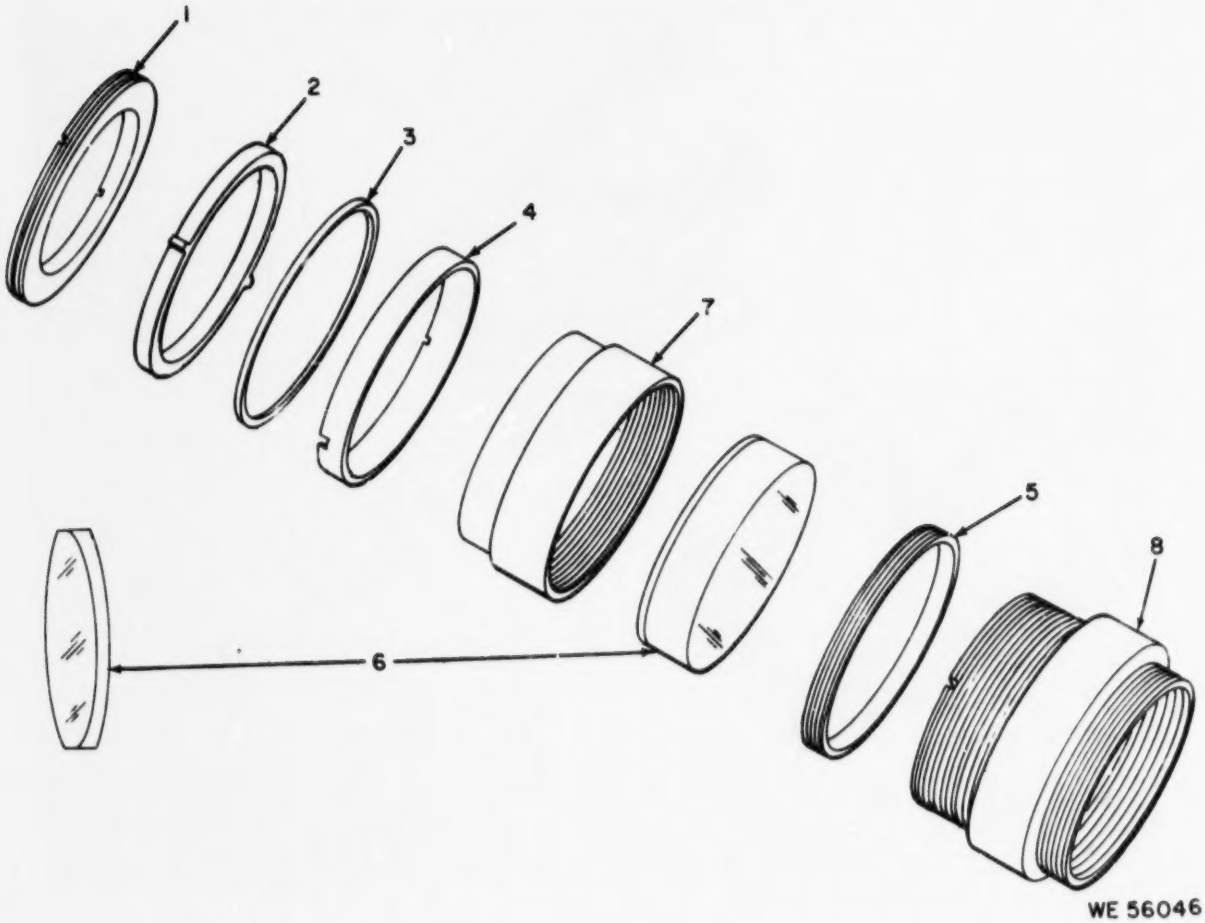

Figure 14. Objective assembly

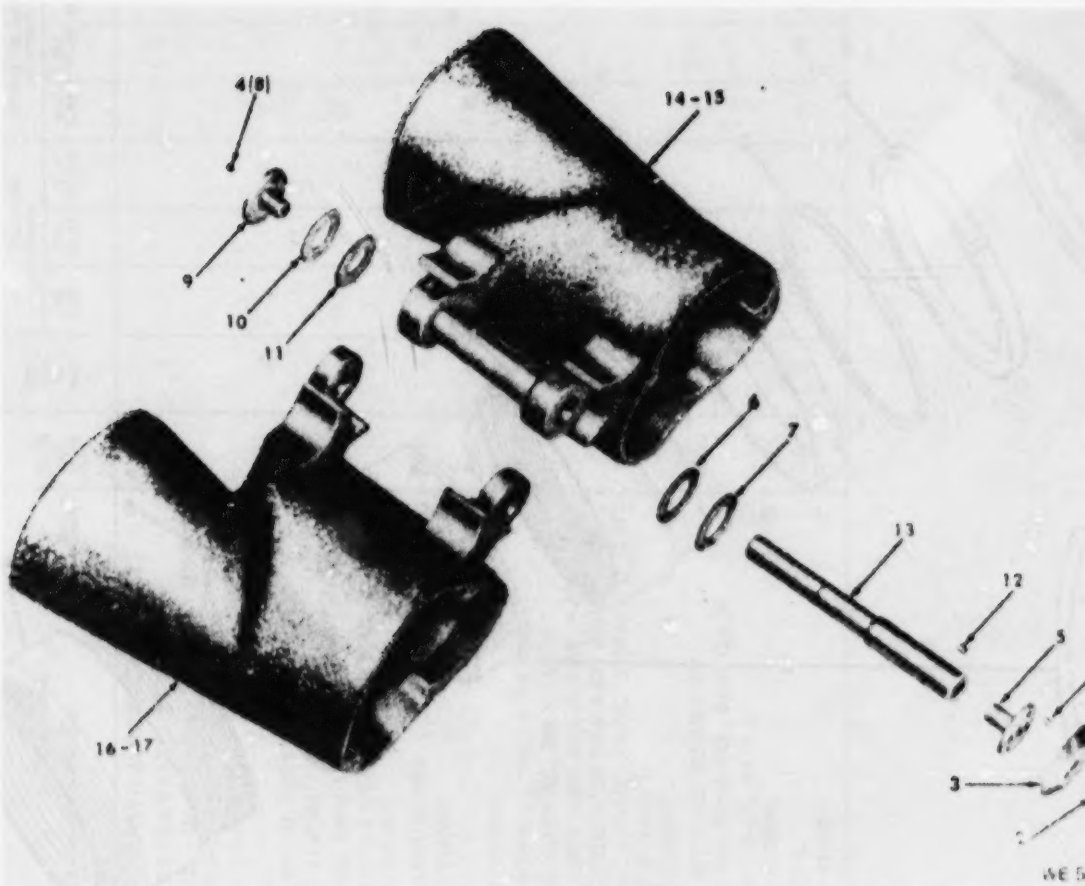

Figure 15. Axle w/related parts

Act on code	(1) SMR CODE (a) Source	(b) Maint	(c) Recov	(2) Federal stock No.	(3) Description — Reference Number & Mfr Code — Usable on Code	(4) Unit of meas	(5) Qty inc in unit	(6) 30-day DS maint allowance (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-day GS maint allowance (a) 1-20	(b) 21-50	(c) 51-100	(8) 1-Yr alw per 100 equip category	(9) Depot maint alw per 100 equip	(10) Illustration (a) Fig No.	(b) Item No.
					AXLE (5182044) W/RELATED PARTS												
N	PA	HZ	Z	5305-734-1581	SCREW, MACHINE FL, CSKH, SLTD, CRES, PSVT NO 4-48UNF-2A, 1/4 L MS51960-17 (96906) H	EA	1				•	•	•		•	15	1
C	PA	HZ	Z		SETSCREW HDLS, SLOT DR, FP, CRES NO 0-80NF-2A, 1/8 L 541053 (21450) H	EA	1				•	•	•		•	15	2
C	PA	HZ	Z	5355-531-8012	SCALE, INTERPUPILLARY 5318012 (00000) H	EA	1				•	•	•		•	15	3
N	PA	HZ	Z	5305-081-2651	SETSCREW HEX SOC, CP, CRES PSVT NO 2-64UNF-3A, 3/32 L MS51038-15 (96906) H	EA	2				•	•	•		•	15	4
	PA	HZ	Z		SCREW 5182043 (19200) H	EA	1				•	•	•		•	15	5
N	PA	HZ	Z	5340-518-3734	SHIM NKL, SIL, 0.421 APERT DIA, 0.750 OD, 0.005 THK, 5183734 (19200) H	EA	1				•	•	•		•	15	6
	PA	HZ	Z		WASHER, FLAT 7579002 (19200) H	EA	1				•	•	•		•	15	7
N	PA	HZ	Z	1240-695-0154	SCREW 5182042 (19200) H	EA	1				•	•	•		•	15	9
N	PA	HZ	Z	5340-757-9001	SHIM COP, NKL, ZINC ALY 0.320-0.336 DIA OF APERT, 0.742-0.758 OD, 0 007 THK 7579001 (19200) H	EA	1				•	•	•		•	15	10
N	PA	HZ	Z	5340-518-3733	SHIM NKL, SIL, 0.320-0.336 DIA OF APERT, 0.742-0.758 OD, 0.005 THK 5183733 (19200) H	EA	1				•	•	•		•	15	11
N	PA	DZ	Z	5315-518-3732	PIN, STRAIGHT HEADLESS CRES, GND BODY FNSH, 0.780-0785 DIA, 0.112 OA L 5183732 (19200) H	EA	2								•	15	12
N	PA	DZ	Z	1240-518-2044	AXLE 5182044 (19200) H	EA	1								•	15	13

Act on code	(1) SMR CODE (a) Source	(b) Maint	(c) Recov	(2) Federal stock No.	(3) Description *Reference Number & Mfr Code* *Usable on Code*	(4) Unit of meas	(5) Qty ins in unit	(6) 30-day DS maint allowance (a) 1–20	(b) 21–50	(c) 51–100	(7) 30-day GS maint allowance (a) 1–20	(b) 21–50	(c) 51–100	(8) 1-Yr a/w per 100 equip entery	(9) Depot maint a/w per 100 equip	(10) Illustration (a) Fig No.	(b) Item No.
N	XB–DZ–Z				BODY, ASSEMBLY 5580622 (19200) G	EA	1									15	14
N	XB–DZ–Z				BODY, ASSEMBLY 5632011 (19200) K	EA	1									15	15
N	XB–DZ–Z				BODY 5580621 (19200) G	EA	1									15	16
N	XB–DZ–Z				BODY 5632010 (19200) K	EA	1									15	17

Act on code	(1) SMR CODE (a) Source	(b) Maint	(c) Recov	(2) Federal stock No.	(3) Description *Reference Number & Mfr Code* *Usable on Code*	(4) Unit of meas	(5) Qty inc in unit	(6) 30-day DS maint allowance (a) 1-20	(b) 21-60	(c) 61-100	(7) 30-day GS maint allowance (a) 1-20	(b) 21-60	(c) 61-100	(8) 1-Yr alw per 100 equip catgry	(9) Depot maint alw per 100 equip	(10) Illustration (a) Fig No.	(b) Item No.
					SHELF ASSEMBLIES (5580620) (5580619) AND (7670787)												
N	PA	DZ	Z	5305-527-5546	SCREW, MACHINE FFILH, SLTD DR, NKL SIL ALY, NO 0-80NF-2A, 3/16 L 5044194 (00000) G	EA	8								•	16	1
	PA	DZ	Z		CLIP, PRISM (RIGHT) 5204267 (19200) G	EA	2								•	16	2
N	PA	DZ	Z	5340-520-4266	CLIP, PRISM (LEFT) 5204266 (19200) G	EA	2									16	3
C	PA	DZ	Z	1240-518-3736	PAD, CUSHIONING CELLULAR RBR, 3/32 OA W, 1/32 OA THK, 1/2 OA L 5183736 (19200) G	EA	4								•	16	4
N	PA	DZ	Z	1240-617-7055	SHIELD, PRISM 6177055 (19200) G	EA	4								•	16	5
N	PA	DZ	Z	1240-763-3945	POST, PRISM 7633945 (19200) G	EA	4								•	16	6
N	PA	DZ	Z	5315-520-4269	POST, PRISM 5204269 (19200) G	EA	2								•	16	7
N	PA	DZ	Z	1240-520-4256	PRISM, OPTICAL INSTRUMENT GL, POR PSM, 90 DEGREE LT DEVN 5204256 (19200) G	EA	4								•	16	8
N	PA	DZ	Z	5307-520-4268	STUD, EXTENSION AL, 1.140 OA L, NO 5-44NF-3A, 0.3035 L, EXT THD, NO 4-48NF-3A, 1/4 L, INTL THD 5204268 (00000) G	EA	2								•	16	15
N	XB	DZ	Z		SHELF ASSEMBLY, PRISM, STRIPPED (RIGHT) 6177048 (19200) G	EA	1									16	17
N	XB	DZ	Z		SHELF ASSEMBLY, PRISM STRIPPED (LEFT) 6177047 (19200) F	EA	1									16	18
N	XB	DZ	Z		SHELF ASSEMBLY 7636820 (19200) L	EA	1									16	19

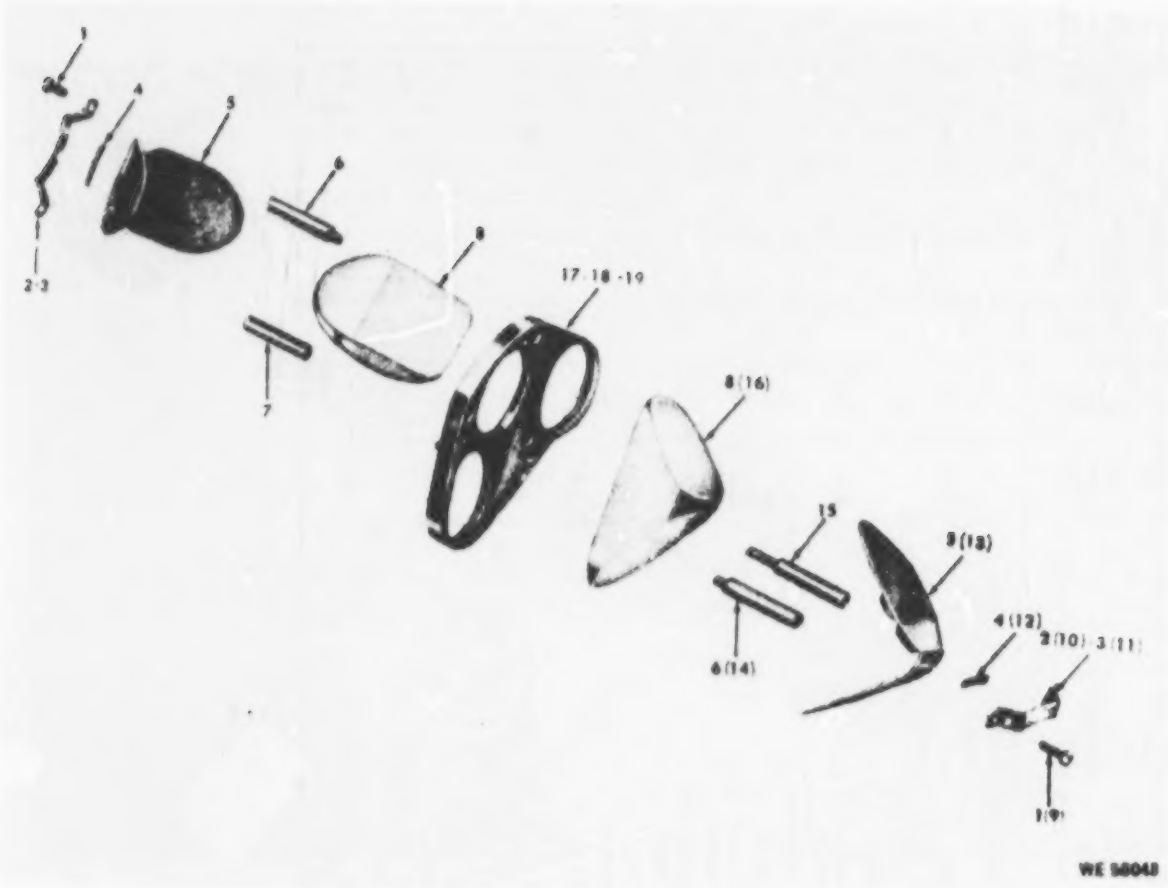

Figure 16. Shelf assemblies.

Act on code	(1) SMR CODE (a) Source	(b) Maint	(c) Recov	(2) Federal stock No.	(3) Description *Reference Number & Mfr Code* *Usable on Code*	(4) Unit of meas	(5) Qty fue in unit	(6) 30-day DS maint allowance (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-day GS maint allowance (a) 1-20	(b) 21-50	(c) 51-100	(8) 1-Yr alw per 100 equip cntgcy	(9) Depot maint alw per 100 equip	(10) Illustration (a) Fig No.	(b) Item No.
					EYEPIECE ASSEMBLIES (7673628), (7673634)												
C	PA	HZ	Z	5305-282-7659	SETSCREW HDLS, CP, CRES, PSVT FNSH, NO 1-72UNF-2A, 3/32 L 540963 (21450) G	EA	2				•	•	•		•	17	1
N	PA	HZ	Z	5365-291-3579	RING, CLAMPING 5204261 (00000)	EA	2				•	•	•		•	17	2
N	XB	HZ	Z		SCALE, DIOPTER 6177051 (19200) G	EA	2									17	3
N	PA	HZ	Z	1240-507-8280	RING, RETAINING 7575241 (19200) G	EA	2				•	•	•		•	17	4
N	PA	HZ	Z	5365-200-5399	RING, RETAINING 7578187 (19200) L	EA	1				•	•	•		•	17	5
N	PA	HZ	Z	1240-757-5229	LENS, FIELD 7575229 (19200) G	EA	2				•	•	•		•	17	6
N	XB	HZ	Z		SEPARATOR 7575237 (19200) G	EA	2									17	7
C	PA	HZ	Z	1240-757-5230	LENS, OPTICAL INSTRUMENT GL, DBL CVX, PLANO CNCV, 0.690 DIA, 0.175 EDGE THK, 0.275 AXIAL THK, 1.446 EFL. 1.281 BFL 7575230 (19200) G	EA	2				•	•	•		•	17	8
N	PA	HZ	Z	1240-763-4627	ADAPTER ASSEMBLY 7634627 (19200) G	EA	2				•	•	•		•	17	9
N	PA	HZ	Z	1240-763-4626	ADAPTER ASSEMBLY 7634626 (19200) L	EA	1				•	•	•		•	17	10

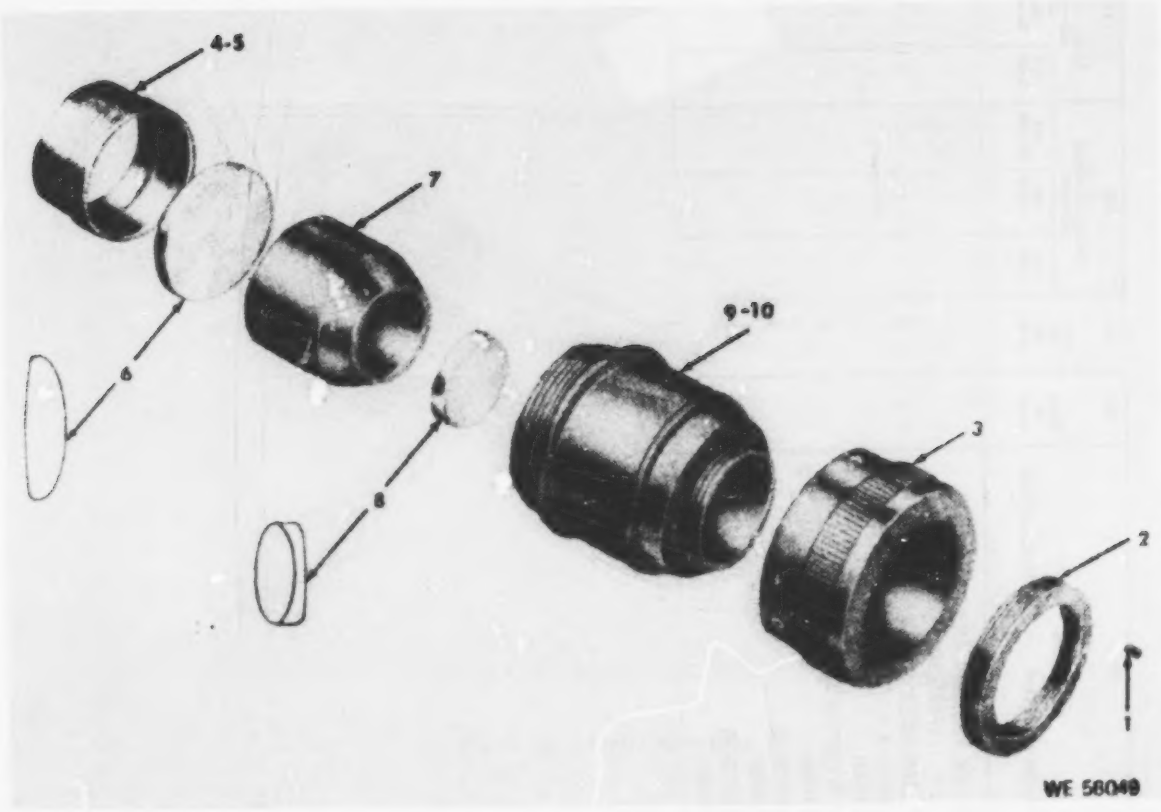

Figure 17. Eyepiece assemblies

Act on code	(1) SMR CODE (a) Source	(b) Maint	(c) Recov	(2) Federal stock No.	(3) Description / Reference Number & Mfr Code / Usable on Code	(4) Unit of meas	(5) Qty inc in unit	(6) 30-day DS maint allowance (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-day GS maint allowance (a) 1-20	(b) 21-50	(c) 51-100	(8) 1-Yr alw per 100 equip categy	(9) Depot maint alw per 100 equip	(10) Illustration (a) Fig No.	(b) Item No.
					ADAPTER ASSEMBLIES (7634627) (7634626)												
N	PA	HZ	Z	5365-520-4262	RING EXTERNALLY THREADED AL, 1.277-32NS-3, 13/64L 5204262 (19200) G	EA	2				*	*	*		*	18	1
N	XA	—			ADAPTER EYEPIECE 6177049 (19200) G		2									18	2
N	XA	—			CELL EYEPIECE 7636818 (19200) L		1									18	3
N	XA	—			CELL EYEPIECE 6177050 (19200) G		2									18	4

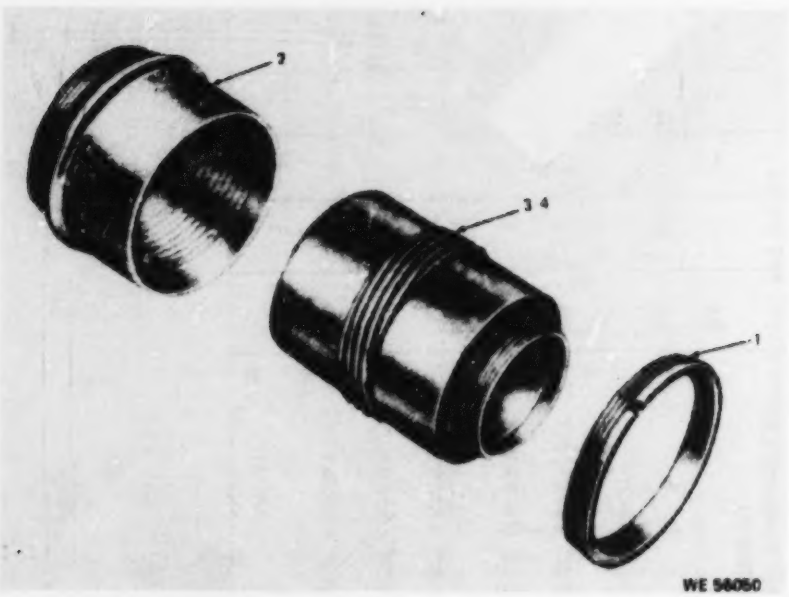

Figure 15. Adapter assemblies.

Act on code	(1) SMR CODE (a) Source	(b) Maint	(c) Recov	(2) Federal stock No.	(3) Description *Reference Number & Mfr Code* *Usable on Code*	(4) Unit of meas	(5) Qty for in unit	(6) 30-day DS maint allowance (a) 1–20	(b) 21–60	(c) 61–100	(7) 30-day GS maint allowance (a) 1–20	(b) 21–60	(c) 61–100	(8) 1-Yr alw per 100 equip entery	(9) Depot maint alw per 100 equip	(10) Illustration (a) Fig No.	(b) Item No.
					BINOCULARS M15A1 (6705512) AND M17A1 (6702518)												
N	PA	OZ	Z	1240-764-0802	GUARD EYE 7640802 (19200) K	EA	2	•	•	•	•	•	•		•	19	1
N	PA	HZ	Z	5305-803-8218	SCREW, MACHINE NO 4-40NC-2A, 3/8 L NO 4-40NC-2A, 3/8 L MS35267-15 (96906) K	EA	10				•	•	•		•	19	2
N	XB	HZ	Z		COVER AND EYEPIECE ASSEMBLY 7672854 (19200) J	EA	1									19	3
N	XB	HZ	Z		COVER AND EYEPIECE ASSEMBLY 7676155 (19200) M	EA	1									19	4
N	PA	HZ	Z	5330-618-1555	GASKET RUBBER, 5 MTG HOLES, 0.037 THK. 6181555 (19200) K	EA	2				•	•	•		•	19	5
N	XB	HZ	Z		COVER AND EYEPIECE ASSEMBLY 7673633 (19200) J	EA	1									19	6
N	XB	HZ	Z		COVER AND EYEPIECE ASSEMBLY 7673635 (19200) M	EA	1									19	7
N	AH	—			RETICLE ASSEMBLY 7636815 (19200) M	EA	1									19	9

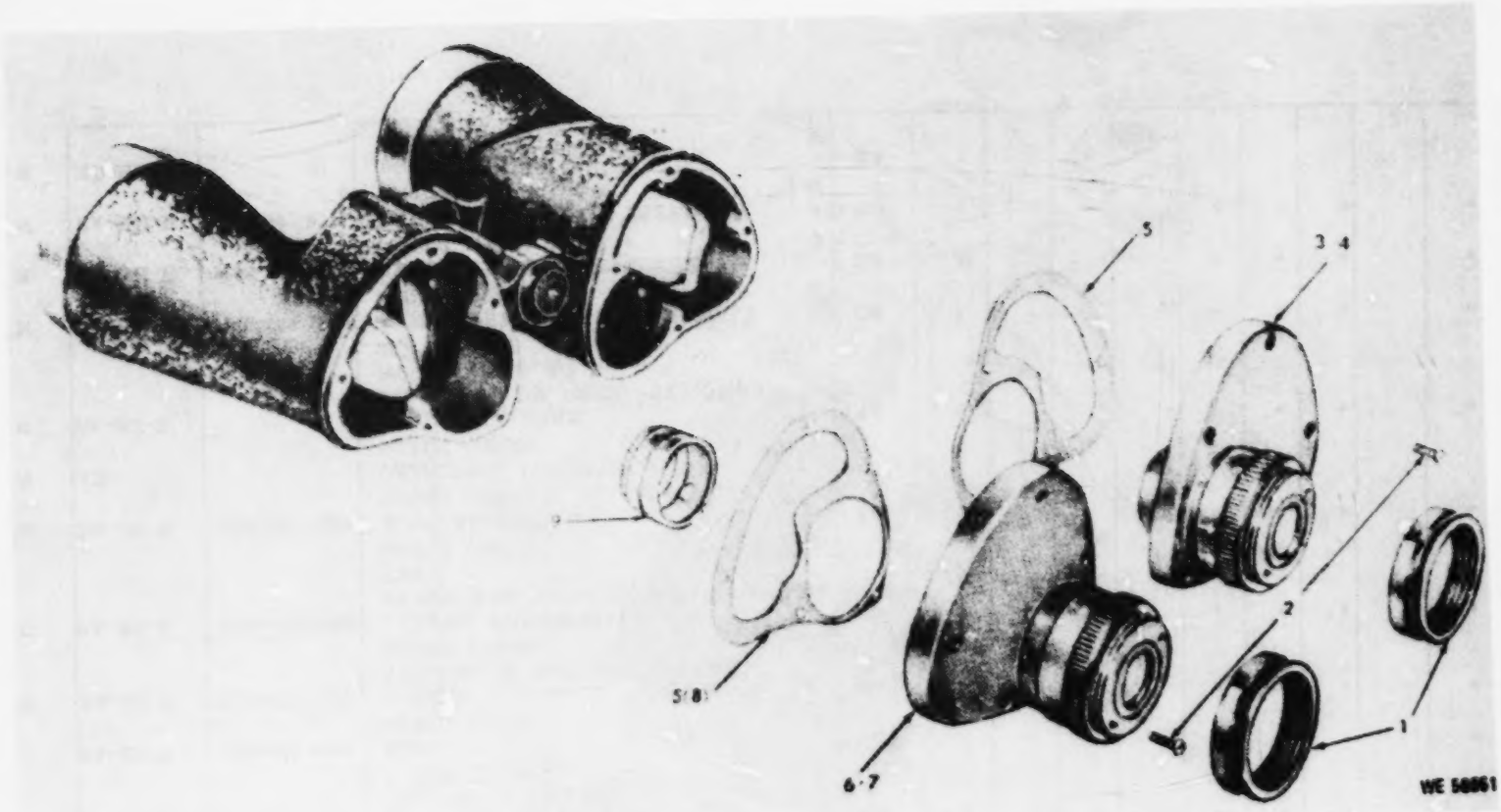

Figure 19. Binoculars M15A1 and M17A1

Act on code	(1) SMR CODE (a) Source	(b) Maint	(c) Recov	(2) Federal stock No.	(3) Description — Reference Number & Mfr Code — Usable on Code	(4) Unit of meas	(5) Qty inc in unit	(6) 30-day DS maint allowance (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-day GS maint allowance (a) 1-20	(b) 21-50	(c) 51-100	(8) 1-Yr alw per 100 equip catgry	(9) Depot maint alw per 100 equip	(10) Illustration (a) Fig No.	(b) Item No.
					BODY ASSEMBLY (5632009) W/RELATED PARTS												
N	PA	HZ	Z	1240-531-8120	CAP, OBJECTIVE AL, 2.187 ID, 2.714 OD, 5318120 (19200) K	EA	2				•	•	•		•	20	1
C	PA	HZ	Z	5365-664-0094	RING 5318014 (00000) K	EA	2				•	•	•		•	20	2
N	PA	HZ	Z	1240-532-0685	SHIELD STL, 0.207 ID, 2.437 OD, 0.030 THK 5320685 (19200) K	EA	2				•	•	•		•	20	3
C	PA	HZ	Z	5330-290-7836	GASKET, NONMETALLIC SYNTH RBR, 2-1/16 ID, 2-15/32 OD, 0.035 THK 5318015 (00000) K	EA	2				•	•	•		•	20	4
N	PA	HZ	Z	1240-565-1003	RING, ADJUSTING 6181431 (19200) K	EA	2				•	•	•		•	20	5
N	AH	—			OBJECTIVE ASSEMBLY 5631137 (19200) K	EA	2									20	6
C	PA	HZ	Z		SCREW, MACHINE FILH, SLTD DR, CRES, PSVT FNSH, NO 5-44NF-2A, 3/8 L 225417 (81348) K	EA	6				•	•	•		•	20	7
N	PA	HH	H	1240-563-1930	SHELF, PRISM, RIGHT ASSEMBLY 5631930 (19200) K	EA	1				•	•	•		•	20	8
N	PA	HH	H	1240-563-1928	SHELF, PRISM, LEFT ASSEMBLY 5631928 (19200) J	EA	1				•	•	•		•	20	9
N	PA	HH	H	1240-767-0776	SHELF, PRISM, LEFT ASSEMBLY 7670776 (19200) M	EA	1				•	•	•		•	20	10
N	XB	HZ	Z		BODY ASSEMBLY 5632009 (19200) K	EA	1									20	11

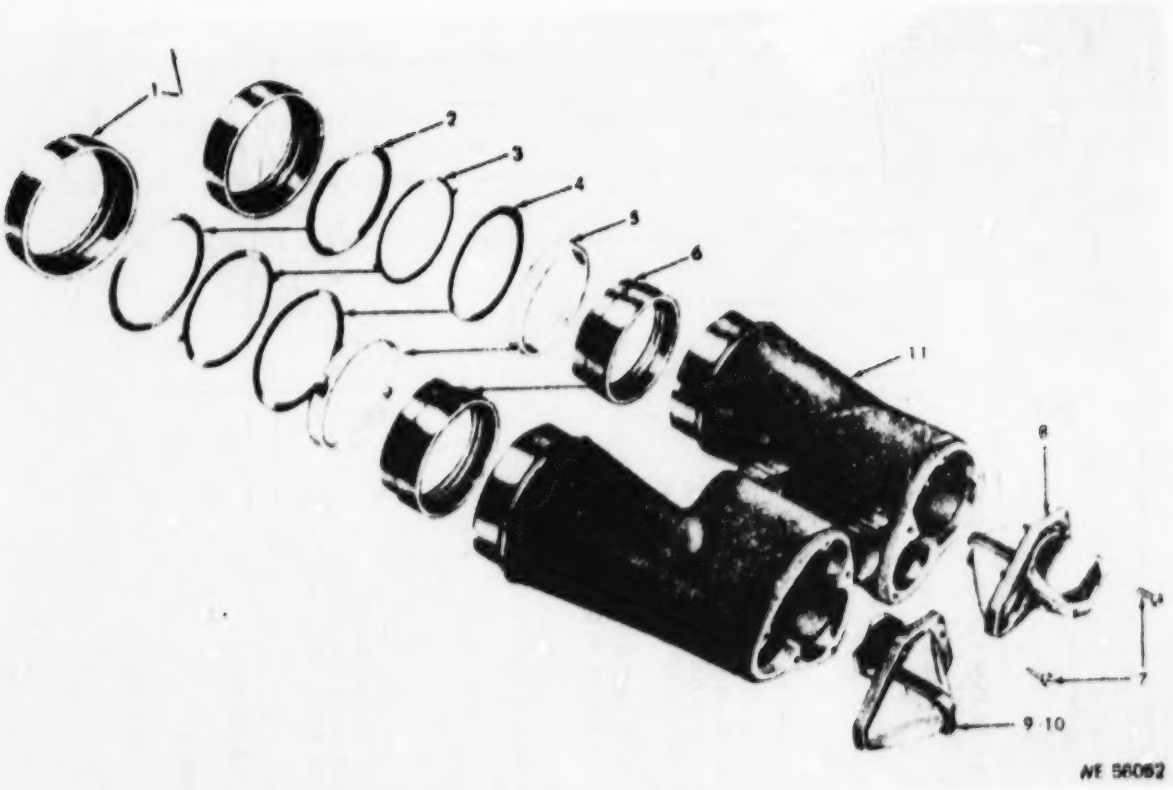

Figure 20. Body assembly w/related parts

Act on code	(1) SMR CODE (a) Source	(b) Maint	(c) Recov	(2) Federal stock No.	(3) Description — Reference Number & Mfr Code — Usable on Code	(4) Unit of meas	(5) Qty inc in unit	(6) 30-day DS maint allowance (a) 1–20	(b) 21–50	(c) 51–100	(7) 30-day GS maint allowance (a) 1–20	(b) 21–50	(c) 51–100	(8) 1-Yr alw per 100 equip cntgcy	(9) Depot maint alw per 100 equip	(10) Illustration (a) Fig No.	(b) Item No.
					COVER AND EYE PIECE ASSEMBLIES (7672854), (7676155), (7673633) AND (7673635)												
C	PA	HZ	Z	5305–638–1786	SETSCREW NI SIL ALY, NO 1-72NF-3A, 3/16 L 5185461 (19200) K	EA	2				•	•	•		•	21	1
N	PA	HZ	Z	5365–758–4929	RING CLAMPING 7584929 (19200) K	EA	2				•	•	•		•	21	2
N	XB	HZ	Z		SCALE DIOPTER 7634711 (19200) K	EA	2									21	3
C	PA	HZ	Z	1240–532–0684	CELL, OPTICAL ELEMENT AL, BLK ANDZ, 1.375 OA DIA, 0.156 OA H, 1.337–48NS–3B, SECURED BY THD RING 5320684 (19200) K	EA	2				•	•	•		•	21	4
C	PA	HZ	Z	1240–507–8280	CELL, OPTICAL ELEMENT AL, BLK ANDZ, 1.100 OA DIA, 0.156 OA H, 1.100–18NS–3A 7575241 (19200) K	EA	2				•	•	•		•	21	5
N	PA	HZ	Z	5365–200–5399	RING, EXTERNALLY THREADED 7578187 (19200) M	EA	1				•	•	•		•	21	6
N	PA	HZ	Z	1240–757–5229	LENS, FIELD 7575229 (19200) K	EA	2				•	•	•		•	21	7
	XB	HZ	Z		SEPARATOR 7575237 (19200) K	EA	2									21	8
C	PA	HZ	Z	1240–757–5230	LENS, OPTICAL INSTRUMENT GL, DBL CVX, PLANO CNCV, 0.690 DIA, 0.175 EDGE THK, 0.275 AXIAL THK, 1.446 EFL, 1.281 BFL 7575230 (19200) K	EA	2				•	•	•		•	21	9
N	XB	HZ	Z		COVER (LEFT) ASSEMBLY 7674628 (19200) K	EA	1									21	10
N	XB	HZ	Z		COVER ASSEMBLY 7676156 (19200) M	EA	1									21	11
N	XB	HZ	Z		COVER (RIGHT) ASSEMBLY 7675652 (19200) J	EA	1									21	12

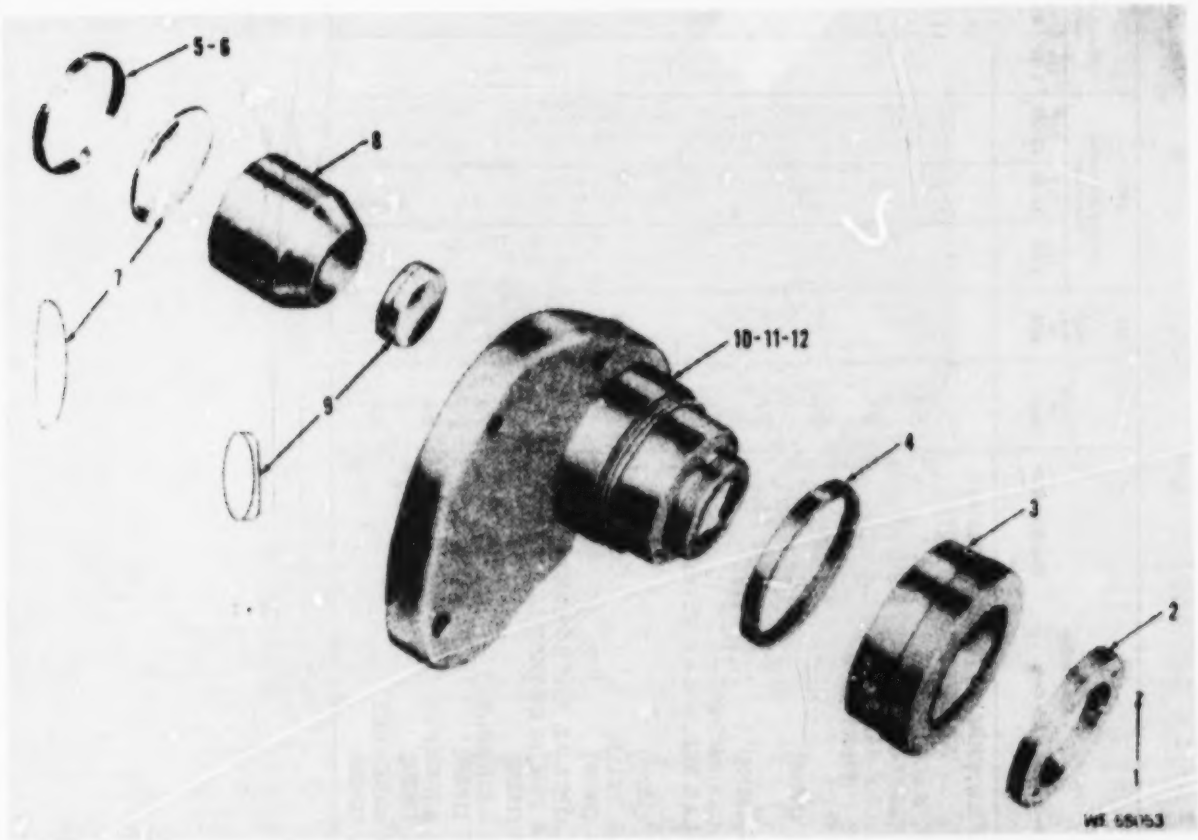

Figure 21. Cover and eyepiece assemblies.

Act on code	(1) SMR CODE (a) Source	(b) Maint	(c) Recov	(2) Federal stock No.	(3) Description *Reference Number & Mfr Code* *Usable on Code*	(4) Unit of meas	(5) Qty inc in unit	(6) 30-day DS maint allowance (a) 1-20	(b) 21-60	(c) 61-100	(7) 30-day GS maint allowance (a) 1-20	(b) 21-60	(c) 61-100	(8) 1-Yr alw per 100 equip catgry	(9) Depot maint alw per 100 equip	(10) Illustration (a) Fig No.	(b) Item No.
					SHELF ASSEMBLIES (5631930), (7631928) AND (7670776)												
N	PA	DZ	Z	5305-057-0497	SCREW, MACHINE PNH, CROSS-REC, CRES, PSVT FNSH, NO 2-64UNF-2A, 1/8 L MS51958-1 (96906) K	EA	8								•	22	1
N	PA	DZ	Z	5340-627-0801	CLIP 6270801 (19200) K	EA	2								•	22	2
N	PA	DZ	Z	1240-763-6865	CLIP 7636865 (19200) K	EA	2								•	22	3
C	PA	DZ	Z	1240-518-3736	PAD, CUSHIONING CELLULAR RBR, 3/32 OA W, 1/32 OA THK, 1/2 OA L 5183736 (19200) K	EA	4								•	22	4
N	PA	DZ	Z	1240-617-7055	SHIELD, PRISM 6177055 (19200) K	EA	4								•	22	5
N	PA	DZ	Z	1240-520-4256	PRISM, OPTICAL INSTRUMENT GL, POR PSM, 90 DEGREE LT DEVN 5204256 (19200) K	EA	4								•	22	6
N	XB	DZ	Z		SHELF ASSEMBLY 6270803 (19200) J	EA	1									22	7
N	XB	DZ	Z		SHELF ASSEMBLY 6270804 (19200) K	EA	1									22	8
N	XB	DZ	Z		SHELF ASSEMBLY 7636813 (19200) M	EA	1									22	9

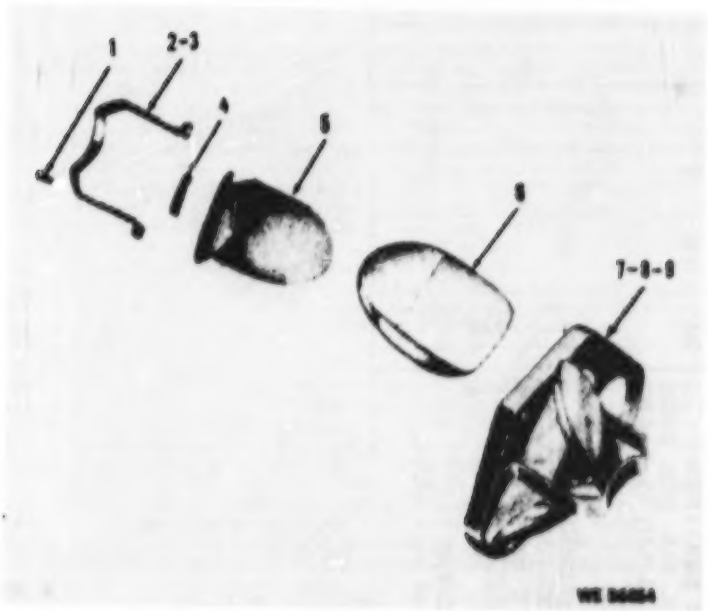

Figure 22. Shelf assemblies

Act on code	(1) SMR CODE (a) Source	(b) Maint	(c) Recov	(2) Federal stock No.	(3) Description *Reference Number & Mfr Code* *Usable on Code*	(4) Unit of meas	(5) Qty inst in unit	(6) 30-day DS maint allowance (a) 1-20	(b) 21-60	(c) 61-100	(7) 30-day GS maint allowance (a) 1-20	(b) 21-40	(c) 61-100	(8) 1-Yr a/w per 100 equip cntgcy	(9) Depot maint a/w per 100 equip	(10) Illustration (a) Fig No.	(b) Item No.
					OBJECTIVE ASSEMBLY (5631137)												
C	PA	HZ	Z	5365-291-3554	RING, EXTERNALLY THREADED AL, SLTD FACE DR, BLK DYE, FNSH 2-145-36UNS-3, 1.967 ID, 0.171 OA L, 0.062 SLOTS WD 5204263 (19200) K	EA	1				•	•	•		•	23	1
N	PA	HZ	Z	1240-520-4255	LENS OPTICAL INSTRUMENT GL, DBL CONV MENISCUS DIVERGING 0.406 EDGE THK 0.571 AXIAL THK 2.048 DIA 7.958 EFL, 7.348 BFL 6.777 FFL 5204255 (19200) K	EA	1				•	•	•		•	23	2
N	PA	HZ	Z	1240-617-7053	CELL, OPTICAL ELEMENT AL, INTL THD, 2.145-36 NS-3, 0.419 L 6177053 (19200) K	EA	1				•	•	•		•	23	3

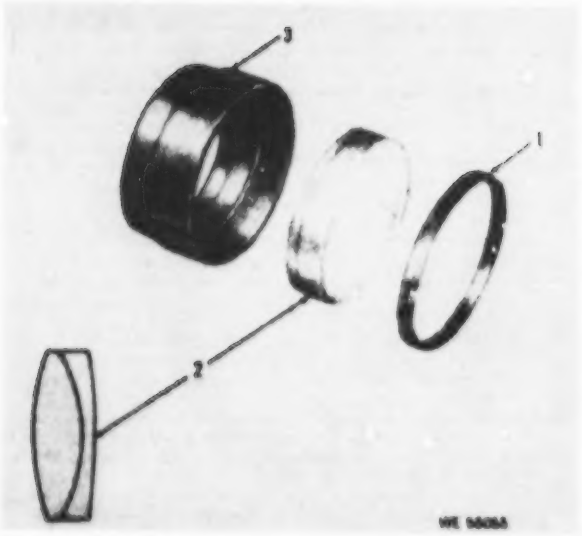

Figure 23. Objective assembly.

Section III. SPECIAL TOOLS LIST

Act on code	(1) SMR CODE (a) Source	(b) Maint	(c) Recov	(2) Federal stock No.	(3) Description — Reference Number & Mfr Code — Usable on Code	(4) Unit of meas	(5) Qty inc in unit	(6) 30-day DS maint allowance (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-day GS maint allowance (a) 1-20	(b) 21-50	(c) 51-100	(8) 1-Yr alw per 100 equip catgry	(9) Depot maint alw per 100 equip	(10) Illustration (a) Fig No.	(b) Item No.
					TOOLS AND EQUIPMENT EQUIPMENT												
N	PA	CZ	Z	1240-769-4280	CASE CARRYING M62A1 7694280 (19200) E	EA		•	•	•	•	•	•		•	10	6
N	PA	CZ	Z	1240-769-4281	CASE, CARRYING, M63A1 7694281 (19200) H	EA		•	•	•	•	•	•		•	24	7
N	PA	CZ	Z	1240-769-1956	FILTER, M1 7691956 (19200)	EA	1	•	•	•	•	•	•		•	11	
C	PA	OZ	Z	1240-764-6236	STRAP, ASSEMBLY, NECK 7646236 (19200)	EA	1	•	•	•	•	•	•		•	24	6
					REPAIR PARTS FOR EQUIPMENT CASE, CARRYING M62A1 (7694280)												
	PA	FZ	Z		CAP LARGE MS27986-4B (96906)	EA	20	•	•	•	•	•	•		•	10	2
C	PA	FZ	Z	5340-764-6842	CATCH 7646842 (19200)	EA	1	•	•	•	•	•	•		•	10	5
	PA	FZ	Z		POST LARGE MS27986-3B (96906)	EA	20	•	•	•	•	•	•		•	10	1
N	PA	FZ	Z	1240-764-6234	STRAP WEBBING NYLON OLIVE DRAB, 3/4 W, 44 L BUCKEL TNG HOLES 7646234 (19200)	EA	1	•	•	•	•	•	•		•	10	3
N	PA	FZ	Z	1240-764-6235	STRAP WEBBING NYLON 1/16 THK, 3/4 W, 20 L 8 HOLES, 9/16 DIA. 7646235 (19200)	EA	1	•	•	•	•	•	•		•	10	4
					CASE, CARRYING M63A1 (7694231)												
	PA	FZ	Z		CAP, LARGE MS27986-4B (96906)	EA	20	•	•	•	•	•	•		•	24	2
N	PA	FZ	Z	5340-764-6842	CATCH 7646842 (19200)	EA	1	•	•	•	•	•	•		•	24	5
	PA	FZ	Z		POST, LARGE MS27986-3B (96906)	EA	20	•	•	•	•	•	•		•	24	1
N	PA	FZ	Z	1240-764-6234	STRAP 7646234 (19200)	EA	1	•	•	•	•	•	•		•	24	3
N	PA	FZ	Z	1240-764-6235	STRAP	EA	1	•	•	•	•	•	•		•	24	4

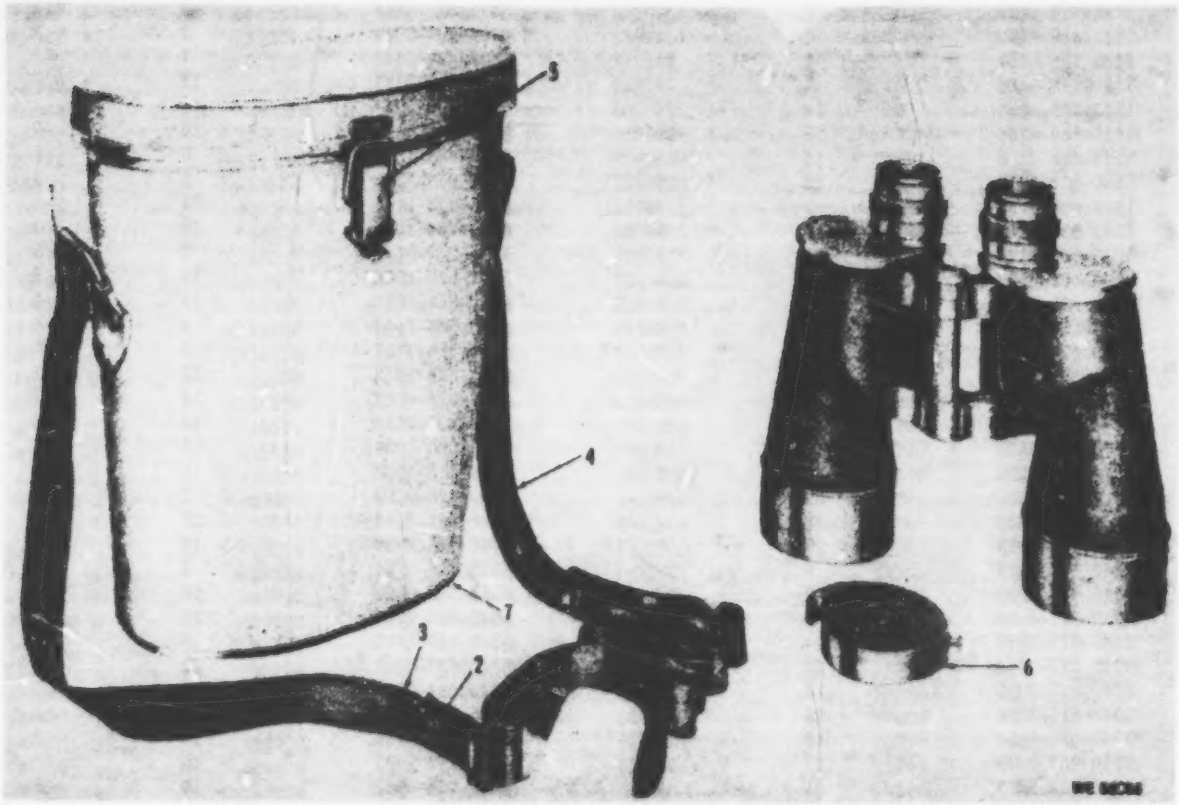

Figure 24. Case carrying M63A1

Section IV. FEDERAL STOCK NUMBER AND REFERENCE NUMBER INDEX

STOCK NUMBER	FIGURE NO.	ITEM NO.
1240-318-4399	13	1
1240-507-8280	21	5
1240-518-2044	15	13
1240-518-3736	6	4
1240-518-3736	16	4
1240-518-3736	22	4
1240-518-5191	5	10
1240-518 5191	8	8
1240-518-5192	5	9
1240 518-5192	8	6
1240-518-5193	4	7
1240-518-5194	6	6
1240 518-5454	3	11
1240-518-5466	4	4
1240-520-4255	14	6
1240-520-4255	23	2
1240-520-4256	16	8
1240-520 4256	22	6
1240-520-4750	9	3
1240 531-8120	12	1
1240-531-8120	20	1
1240-531-9082	9	4
1240 531-9083	4	9
1240-532-0684	21	4
1240-532-0685	14	2
1240-532-0685	20	3
1240 557-9390	7	12
1240-558 0619	12	14
1240-558-0620	12	8
1240-563-1928	20	9
1240-563-1930	20	8
1240-565-1003	14	4
1240-565-1003	20	5
1240-574-6417	9	1
1240-617-3980	9	2
1240-617-4608	6	5
1240-617-7053	14	7
1240-617-7053	23	3
1240-617-7055	16	5
1240-617-7055	22	5
1240-695-0154	15	9
1240-757 5229	17	6
1240-757-5229	21	7
1240-757-5230	17	8
1240-757-5230	21	9
1240-507-8280	17	4
1240 757-8184	13	5
1240-758-6838	2	1
1240-758-6838	7	14
1240-763-3945	16	6
1240-763-4626	17	10
1240-763-4627	17	9
1240-763-6816	13	2
1240-763-6865	22	3
1240-764-0802	12	3
1240-764-0802	19	1
1240 764-0806	2	3
1240-764-0806	7	1
1240-764-1795	4	5
1240-764-6234	10	3
1240-764-6234	24	3
1240-764-6235	10	4
1240-764-6235	24	4
1240-764-6236	24	6
1240-767-0776	20	10
1240-767-0787	12	15
1240 767-4879	7	13
1240-769-1956	11	—
1240-769-4280	10	6
1240-769-4281	24	—
5305-057-0497	22	1
5305-081-2651	3	4
5305 081-2651	15	4
5305-207-8845	3	1
5305-207-8848	2	7
5305-207-8848	7	10
5305-282-7659	17	1
5305-527-5546	16	1
5305-637-8220	12	7
5305-638-1786	5	2
5305-638-1786	8	1
5305-638 1786	21	1
5305-734-1581	15	1
5305-757-8741	7	2
5307-520-4268	16	15
5305-805-8218	19	2
5310-530-9441	4	2
5315-518-3732	3	10
5315-518-3732	15	12
5315-520-4269	16	7
5330-290-7836	14	3
5330-290-7836	20	4
5330-618-1555	19	5
5330-626-9516	7	7
5365-291-3554	23	1
5340-518-3733	15	11
5340 518-3734	3	6
5340-518-3734	15	6
5340-520-4266	16	3
5340-527-4503	3	9
5340-627-0801	22	2
5340-664-0094	14	1
5365-664-0094	14	1
5340-757-8186	13	3
5340-757-9001	15	10
5340-764-6842	10	5
5340 764-6842	24	5
5355-531-8012	15	3
5365-200-5399	17	5
5365-200-5399	21	6
5365-291-3554	14	5
5365-291 3578	5	3
5365-291-3578	8	2
5365-291-3579	17	2
5365-520-4262	18	1
5365-758-4929	21	2
5365-758-6840	4	1
6650-557 9390	2	8
1240-695-0154	3	8
1240-767-4879	2	14

REFERENCE NO.	MFR. CODE	FIGURE NO.	ITEM NO.
MS27986-3B	96906	10	1
MS27986-3B	96906	24	1
MS27986-4B	96906	10	2

REFERENCE NO.	MFR. CODE	FIGURE NO.	ITEM NO.
MS27986-4B	96906	24	2
MS35267-15	96906	19	2
MS51038-15	96906	3	4
MS51038-15	96906	15	4
MS51038-15	96906	15	8
MS51031-1	96906	3	2
MS51958-1	96906	22	1
MS51960-17	96906	15	1
225417	81348	20	7
5044192	00000	2	5
5044192	00000	12	5
5044193	19200	3	1
5044194	00000	16	1
5182042	19200	3	8
5182042	19200	15	9
5182043	19200	3	5
5182043	19200	15	5
5182044	19200	15	13
5183732	19200	3	10
5183732	19200	15	12
5183733	19200	15	11
5183734	19200	3	6
5183734	19200	15	6
5183735	19200	12	7
5183736	19200	6	4
5183736	19200	16	4
5183736	19200	22	4
5185191	19200	5	10
5185191	19200	8	8
5185192	19200	5	9
5185192	19200	8	6
5185193	19200	4	7
5185194	19200	6	6
5185454	19200	3	11
5185455	19200	3	3
5185456	19200	3	9
5185458	19200	5	7
5185458	19200	8	5
5185459	19200	5	11
5185459	19200	8	7
5185460	19200	5	3
5185460	00000	8	2
5185461	19200	5	2
5185461	19200	8	1
5185461	19200	21	1
5185462	19200	5	5
5185462	19200	8	9
5185463	19200	5	8
5185463	19200	8	4
5185465	19200	4	8
5185466	19200	4	4
5185468	19200	6	2
5185469	19200	6	1
5185474	19200	6	3
5185475	19200	9	1
5185480	00000	2	7
5185480	00000	7	10
5204255	19200	14	6
5204255	19200	23	2
5204256	19200	16	8
5204256	19200	22	6
5204261	00000	17	2
5204262	19200	18	1
5204263	19200	14	5
5204263	19200	23	1
5204266	19200	16	3
5204267	19200	16	2
5204268	00000	16	15
5204269	19200	16	7
5204750	19200	9	3
5318012	00000	15	3
5318014	19200	14	1
5318014	00000	20	2
5318015	19200	14	3
5318015	21450	20	4
5318120	19200	20	1
5319082	19200	9	4
5319083	19200	4	9
5320684	19200	21	4
5320685	19200	14	2
5320685	19200	20	3
540963	21450	17	1
541053	21450	15	2
5579385	00000	2	15
5579390	19200	2	8
5579390	19200	7	12
5318120	19200	12	1
5579391	19200	3	12
5579392	19200	3	14
5580616	19200	12	16
5580619	19200	12	14
5580620	19200	12	8
5580621	19200	15	16
5580622	19200	15	14
5631137	19200	20	6
5631255	19200	7	16
5631256	19200	3	15
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5631928	19200	20	9
5631930	19200	20	8
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5632010	19200	15	17
5632011	19200	15	15
6173980	19200	9	2
6174600	19200	2	11
6174603	19200	5	1
6174608	19200	6	5
6177047	19200	16	18
6177048	19200	16	17
6177049	19200	18	2
6177050	19200	18	4
6177051	19200	17	3
6177053	19200	14	7
6177053	19200	23	3
6177055	19200	16	5
6177055	19200	22	5
6177065	19200	12	11
6177066	19200	12	6
6181431	19200	14	4
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6181555	19200	19	5
6269516	19200	7	7
6269643	19200	5	4
6269643	19200	8	3
6270801	19200	22	2
6270803	19200	22	7
6270804	19200	22	8
7199590	19200	2	12
7199590	19200	7	9
7278201	19200	13	4
7575229	19200	17	6
7575229	19200	21	7

REFERENCE NO.	MFR. CODE	FIGURE NO.	ITEM NO.
7575230	19200	17	8
7575230	19200	21	9
7575237	19200	17	7
7575237	19200	21	8
7575241	19200	17	4
7575241	19200	21	5
7578184	00000	13	5
7578185	19200	13	1
7578186	19200	13	3
7578187	19200	17	5
7578187	19200	21	6
7578741	19200	7	2
7579001	00000	15	10
7579002	19200	15	7
7584929	19200	21	2
7586838	19200	2	1
7586838	19200	7	14
7586840	19200	4	1
7586841	19200	4	2
7586842	19200	4	3
7586843	19200	4	6
7633945	19200	16	6
7634626	19200	17	10
7634627	19200	17	9
7634711	19200	21	3
7636813	19200	22	9
7636815	19200	19	9
7636816	19200	13	2
7636817	19200	12	12
7636818	19200	18	3
7636819	19200	12	13
7636820	19200	16	19
7636865	19200	22	3
7640802	19200	12	3
7640802	19200	19	1
7640806	19200	2	3
7640806	19200	7	1
7641787	19200	5	6
7641795	19200	4	5
7641838	19200	6	8
7646234	19200	10	3
7646234	19200	24	3
7646235	19200	10	4
7646235	19200	24	4
7638084	19200	2	6
7646236	19200	24	6
7646842	19200	10	5
7646842	19200	24	5
7647139	19200	6	7
7670776	19200	20	10
7670787	19200	12	15
7672854	19200	19	3
7673624	19200	2	9
7673625	19200	2	4
7673628	19200	12	4
7673331	19200	7	5
7673632	19200	7	4
7673633	19200	19	6
7673634	19200	12	10
7673635	19200	19	7
7674134	19200	8	11
7674135	19200	8	10
7674286	19200	2	2
7674286	19200	7	15
7674628	19200	21	10
7674879	19200	2	14
7674879	19200	7	13
7674992	19200	7	6
7674993	19200	8	12
7675652	19200	21	12
7676155	19200	19	4
7676156	19200	21	11
7691956	19200	11	
7694280	19200	10	6
7694281	19200	24	7
8213651	19200	12	2
8213652	19200	14	8

By Order of the Secretary of the Army:

W. C. WESTMORELAND
General, United States Army
Chief of Staff

Official:
VERNE L. BOWERS
Major General, United States Army
The Adjutant General.

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